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62.23

AMERICAN Seed and Plant CATALOG

American Seed and Plant Co. Quincy, Ill.

VEGETABLE
SEED TRIALS
HORTICULTURE



A 5-Lb. Dasheen Tuber

THE DASHEEN Is the Potato's Only Rival

A DELICIOUS VEGETABLE, THE LARGE TUBEROUS ROOTS OF WHICH ARE USED LIKE POTATOES, THE BLANCHED STEMS LIKE ASPARAGUS, AND THE FOLIAGE USED FOR GREENS.

The tubers sometimes reach a weight of more than 6 pounds each. One hill often produces 6 to 8 pounds or more of tubers, and in rare instances 20 to 26 pounds of Dasheens have been taken from a single hill.

The Dasheen can be used in almost any way that Irish Potatoes or Sweet Potatoes can be used. They are excellent when baked, boiled, fried, creamed, stuffed, meat-filled, or scalloped, and for Saratoga Dasheen chips and fritters they are delicious.

In growing Dasheens, there seems to be no disease or insect enemy to contend with. No dreaded bugs to be poisoned; no rot, scab, blight, mildew, or other trouble.

Choice seed tubers, 3 for 40c; 6 for 75c; 12 for \$1.25; 25 for \$2.00; 50 for \$3.75; 100 for \$7.00, delivered to you prepaid.

JAN 17 1933

Introduction

We are headquarters in the U. S. for all kinds of novelty seeds. We guarantee all stock to be true to name and in good clean healthy condition. We pay postage on all seeds except as otherwise mentioned in the catalog. Practically all orders are filled within 24 hours after being received, except in case of plants that are to be set out in the spring or such seed and bulbs as are for fall planting. They will be shipped at the proper time for planting in the locality in which the order originates.

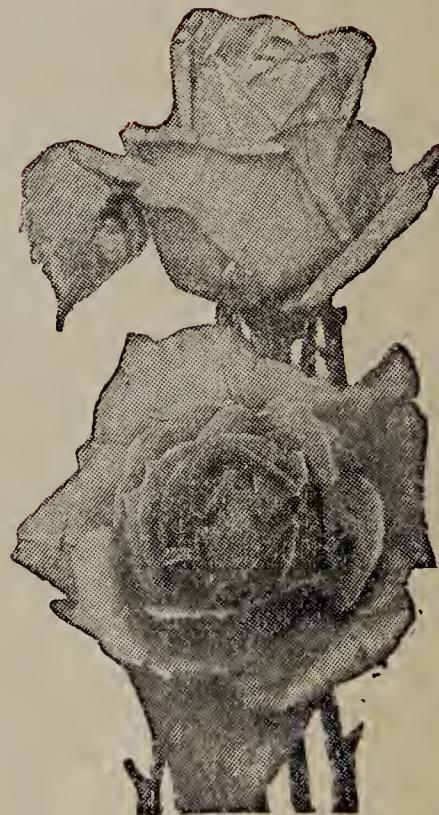
Please save this catalog and show it to your friends.

The Famous Blue Rose

Vielchenblau

A new German novelty Rose of a beautiful violet-blue color, as its name implies. The buds open in a reddish-violet color, quickly changing to amethyst and steel blue. A truly beautiful rose that should be planted by every rose lover.

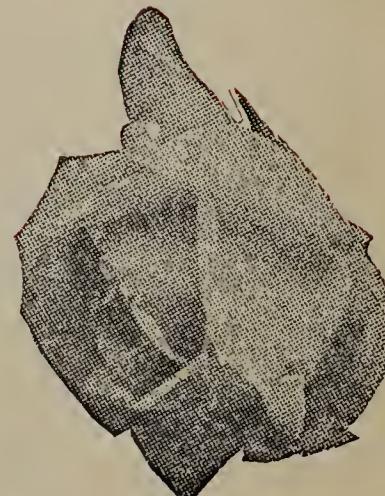
A strong, rapid grower with good roots and strong upright canes. The blooms are produced in immense panicles, giving the flowers a very full and double bloom. The leaves are a rich glossy green, and strong stems hold the flowers upright. It is very hardy and disease resistant, and will be a welcome addition to your Rose garden. Medium plants, 75c each, 3 for \$1.75; large size plants, \$1.00 each, 3 for \$2.50.



The Gorgeous Climbing Sunburst

A New Climber of Astounding Beauty

An unusual climber of great beauty. Its large, rich, copper-yellow flowers are very double and of immense size. Foliage large and extremely vigorous, and bears continuously throughout the season. Without question the finest climber developed in recent years. Medium sized plants, 50c each; large plants, 90c each.

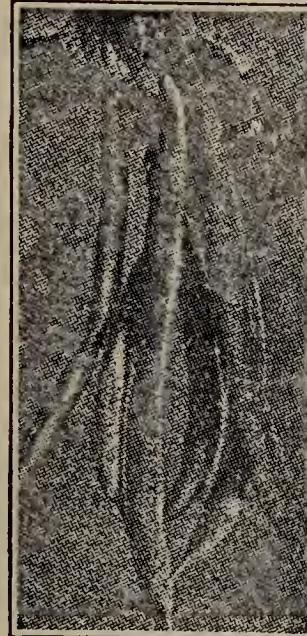


Chinese Lantern Plant

The Chinese Lantern Plant (*Physalis Franchetti*) is a hardy, perennial variety of Ornamental Winter Cherry, which forms dense bushes about two feet high. It is grown for its very attractive balloonlike pods, turn bright red and resemble Chinese paper lanterns. May be easily dried for Winter bouquets and decorations, being very fine at Christmas time, and retaining its color and shape all winter. It is easily grown on any ordinary garden soil, and is unusually striking in the garden. A money maker for florists and others who have a cut-flower trade; and a real enjoyable and fascinating plant to grow. Pkt., 10c. 3 for 25c.



Kentucky Wonder Bean



This bean is one of the finest green pole beans that has ever been placed on the market. The pods are nine to ten inches long and so well filled and thick fleshed that they are nearly round. It is entirely stringless, cooks tender, and deliciously flavored. Kentucky Wonder Beans are a real ever-bearer, and if the pods are picked off as they ripen it will continue to bear right through the season until killed by the fall frosts. It will bear a fine crop without being poled, but when poles or brush are used it is much easier to harvest.

10c per pkt., 3 for 25 cents.

COFFEE--1c per lb.

Grow your own coffee and cut down the high cost of living. The Domestic Coffee Berry makes a delicious, nourishing drink to take the place of injurious coffee. It is a pure food drink that gives health and strength to young and old. The best coffee substitute ever discovered, and thousands pronounce it as good or better than the best coffee. It has the rich deep brown color of old Java. One of the hardiest, easiest growth, and most productive of all plants. Can be successfully grown in any climate, and is sure to ripen even in the extreme North. As easily grown as corn or beans, and does well on all soils. Thousands suffer untold injury from store coffee. Better grow the new kind and save your health and money.

Send only 10c for large packet; 3 for 25c; or 12 for \$1.00. postpaid. You can raise all the coffee you want for your own use and sell the balance to your neighbors. Prepared like any other coffee. Full directions with every packet.



You Can Make Big Money Growing Medical Plants



Drugs have greatly increased in prices during the past few years, so now is the time to start growing root crops for medical purposes. Golden Seal and Ginseng are the two biggest money makers of them all. These roots now sell at enormous prices, and there is no reason to believe that they will ever be any cheaper. You can easily produce \$1,000 of roots on a small plot of ground.

Ginseng

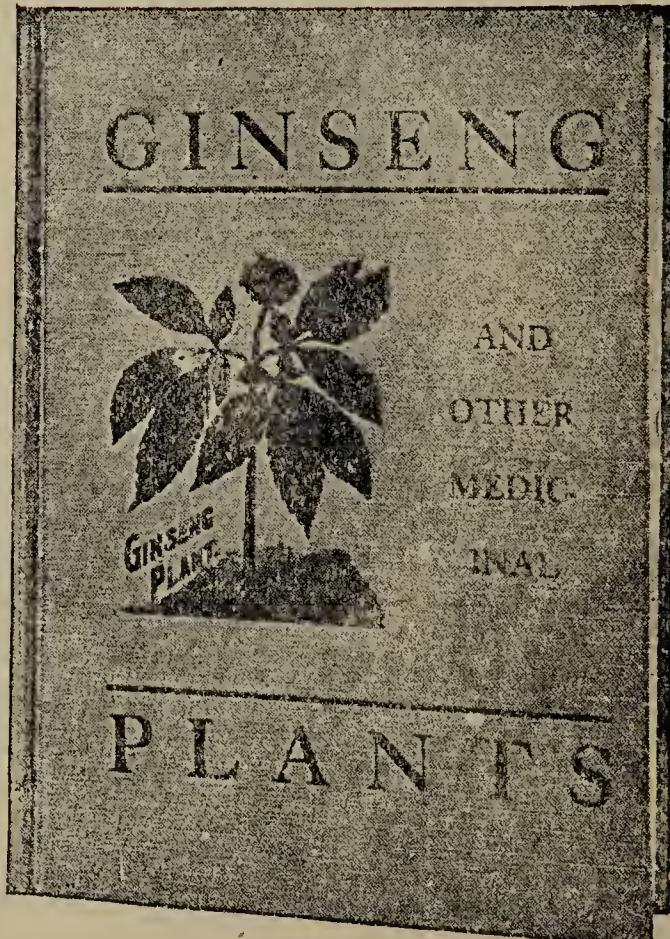
Ginseng is considered the greatest money maker of all medical plants, and has been known to produce over 1300 lbs. of roots per half acre, which sold for about \$8,000. Ginseng should be planted only in the fall, but to be certain of getting the seed, you should order at once, for we probably have our entire supply of seed sold long before planting time. 36 packets will plant one square rod. Pkt., 25c; 5 pkts., \$1.00; 12 pkts., \$2.00; 36 pkts., \$5.00; 80 pkts., \$10.00, Postpaid.

Golden Seal

If you want to get started in the growing of medical plants, be sure to plant some Golden Seal this year. It is easily grown and should bring large returns. Since 1858 Golden Seal has increased in value two thousand four hundred per cent. The returns from one acre, at four years from planting, will average \$10,000.00, if properly cared for. Pkt., 25c; 5 pkts., \$1.00; 12 pkts., \$2; 36 pkts., \$5.00; 80 pkts., \$10.00.

Here is the book you want! Experts tell you just how to grow Ginseng and Golden Seal. This is the book all ginseng and golden seal growers need. Most assuredly the beginner needs it. It has 367 pages, 100 illustrations — and is strongly bound in cloth. Gives you complete information from the time you plant the seed until the roots are ready for market.

Price—\$1.85 Postpaid



Hong Kong Concern Places Order for \$7,000 Ginseng

An order for 1150 pounds of ginseng was placed yesterday with the St. Louis firm of Eugene Donzelot & Son, 209 North Second street, for export to China. With the present price ranging from \$6 to \$7.50 a pound, the order amounted to approximately \$7000.

Most St. Louisans are probably unaware that St. Louis exports ginseng to China—or for that matter even that there is such a product. Its use was explained by E. J. de Figueiredo, managing director of the importing firm of Hughes & Hough, Limited, of Hong Kong, who visited the city yesterday to purchase ginseng for his firm.

SAID TO PROLONG LIFE

Ginseng, he explained, is the root of a shrub which the Chinese believe has medicinal properties. It is used by the Chinese to make a tea which, according to their belief, prolongs life.

It is gathered by trappers, and in some instances is cultivated in this country.

Approximately 200,000 pounds are exported from America annually to China, De Figueiredo said. The only other countries which produce it are Canada and Korea.

—Clipped from Tuesday, November 15, 1932, issue of the St. Louis Globe Democrat.

No Depression Here

The above indicates that in this November, 1932, the price on Ginseng is practically holding its own. This news article attracted our attention because a lot of people wonder where Ginseng roots can be sold and if there really is such a price paid for them. This news item should set your mind at rest on this question and convince you that Ginseng roots do command a high price and there is no question as to always having a good market.

Here's Another

Read the following news item, clipped from a Wisconsin daily paper: "Wausau, Wis., May 21—(Special)—Perhaps by far the most valuable load of products of the soil that ever crossed the streets of Wausau, was seen a few days ago, drawn by one horse. The load consisted of eighteen inconspicuous barrels and no one would have surmised its value had it not been that J. H. Koehler was seen watching it with eagle eyes. Upon inquiry it was found that the barrels contained 1343½ pounds of Ginseng, which had been sold for \$8,061.00, and was now being started on its long journey to China. The crop was grown on one-half acre of ground near Wausau."

Japanese Water Flower



Superb mystic creations—imported direct from Japan. A real mystery. Fascinating novelty flowers that will mystify your friends. Each stock has a gorgeous flower and several buds of many colors.

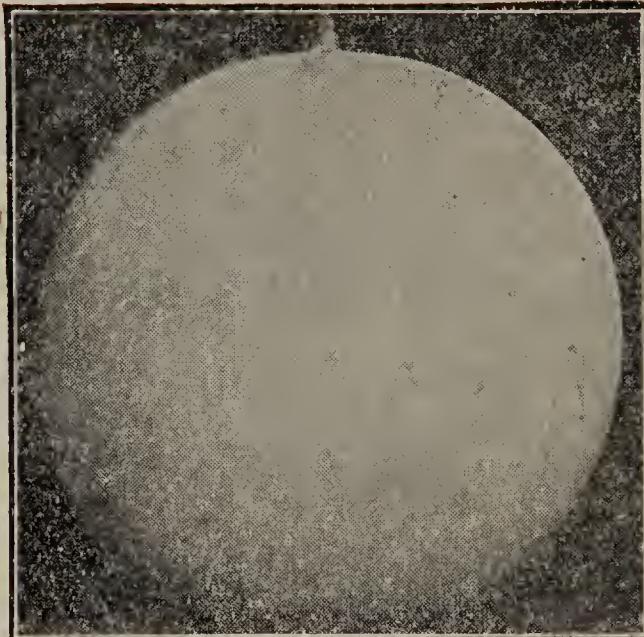
Blooms Instantly

No waiting. No earth required. Just drop marvels in glass with water. The flower and buds unfold instantly—in three seconds. As if by magic you have a water flower. Blooms guaranteed to last for months.

Three for 10c

Six Water Flowers of different color and three Resurrection plants, all for 25c postpaid.

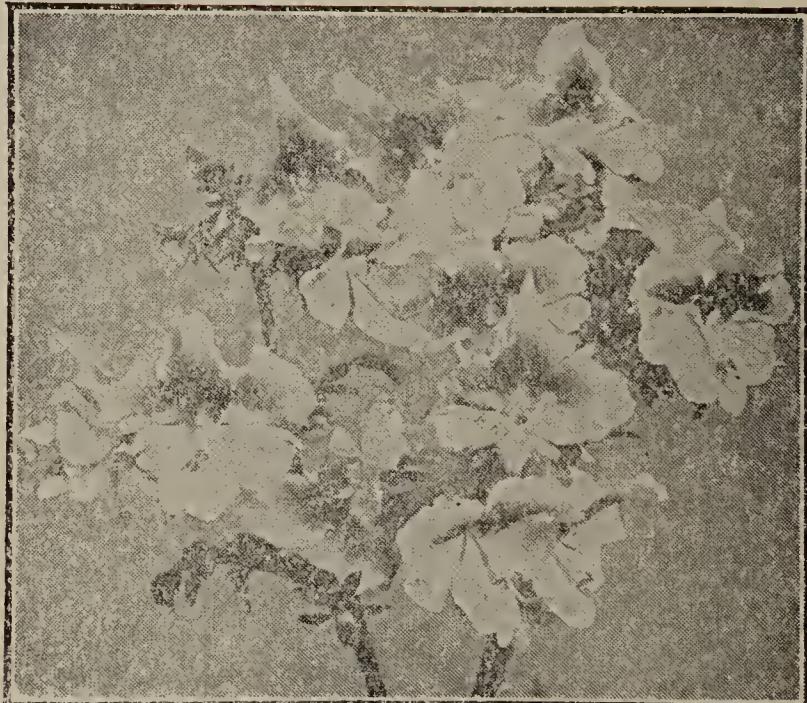
WINTER WATERMELON



A home grown melon for your Thanksgiving dinner. It is not a citron or a freak, but a very prolific long-keeping true Watermelon. Flesh red, extremely firm, very brittle and deliciously sweet.

Fruits taken from the field before killing frost and stored in a cool place will keep long into the late fall and early winter and retain their delicious sweetness and flavor. Pkt., 10c; 3 for 25c; postpaid.

BUTTERFLY FLOWER (SCHIZANTHUS)



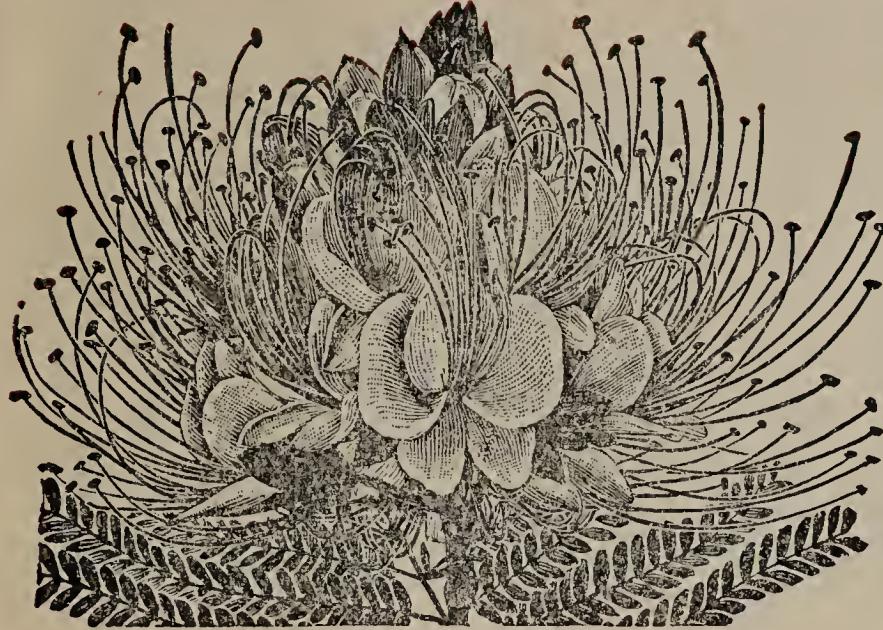
One of the daintiest flowers imaginable; especially fine for bordering beds of taller flowers, and as pot plants for the house in late winter and early spring. Seed sown in the spring will produce plants that come into bloom in a few weeks, and with such loads of charming blooms as to obscure the delicate fern-like foliage. If wanted for house plants for winter blooming, sow in the autumn. The plants will quickly grow into compact, rounded bushes, about 2 feet tall. The butterfly-like flowers range in color from pure white through shades of cream and pink to crimson and mauve. Many of the flowers are beautifully marked. Pkt., 10c; 3 pkts., 25c.



White Wonder CUCUMBER

Color of White Wonder is beautiful pure white. Remarkably uniform in shape and size, averaging 8 inches long by 2½ inches thick. Begins to bear early in the season and continues until fall. Flavor is pleasing and flesh firm and crisp. Fine sliced or in salads. Its smooth, clear surface makes the White Wonder an ideal pickle. Aside from the excellent quality of the fruits, White Wonder bears a great quantity of them. A packet of seed will furnish you cucumbers in abundance. Pkt., 10c; 3 for 25c.

BIRD OF PARADISE



(Peacocki Gilliesi)

The color of the flower is a rich golden yellow, it measures $2\frac{1}{4}$ inches across and is produced in very large trusses. The most beautiful part of the flower is the long incurved stamens and pistils which are spread out in fan-like form and are of bright crimson color. The color is also highly decorative. It should be grown as a house plant, except in the warmer parts of the South, where it is hardy. If the seeds are started early it will produce blooms in great profusion the first year. Pkt., 15c; 2 pkts., 25c.

COLOSSAL

THE LARGEST TOMATO GROWN

This is the largest of all Tomatoes, being even larger than the famous Ponderosa. Many planters in different parts of the country have grown Colossal Tomatoes weighing over 3 lbs., and some more than 4 lbs. Not only does the Colossal produce giant fruits, but it produces them in abundance. One planter in Illinois raised over a ton of Tomatoes from 186 plants. The very thick, meaty flesh, few seeds, and mild flavor combine to give the Colossal a quality on a par with its immense size. Unsurpassed for slicing or canning. Pkt., 20c; 3 pkts., 50c.



JAPANESE UMBRELLA PALM

Not a true palm, but handsome, ornamental palm-like plant. Grows in water or soil. Indispensable for aquariums, fountains or pools. Pkt., 10c.

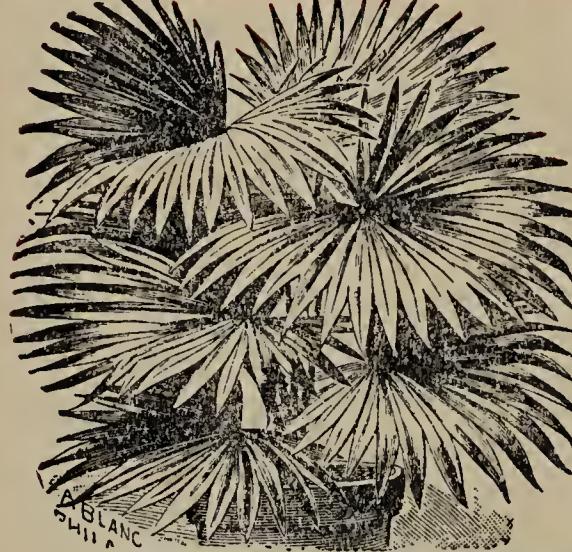
SHOO-FLY PLANT

It is said that flies will not stay in a room where it is grown if they can conveniently escape. What there is about it that repulses them is not clear, as the plants and flowers have no odor. It is a beautiful flowering plant, and blooms in a short time (60 days) from seed. It is a profuse bloomer in pots both summer and winter, the blossoms being large, cup-shaped and of a lovely light blue color with white center. Pkt., 10c; 3 for 25c.



SHOO-FLY PLANT

GIANT FAN-LEAVED PALM



A. BLANC

The finest of all Palms, and easily grown from seed. Elegant fan-shaped leaves of a rich, dark green; beautifully fringed with long, thread-like filaments along the segments of the leaves. The plant is a compact grower, well adapted to pot culture, and succeeds in any situation. Needs no petting; stands dust and dry air; lack of sunshine does not bother it. Very ornamental at all stages of growth, and the most satisfactory Palm ever offered. Seed, 25c per packet.



EVERLASTINGS

To meet the growing demand for winter bouquets, we have added to our line, more varieties of everlastings, or more commonly called Straw Flowers. We are making these up in a splendid collection of seeds which should give you wonderful bouquets for next winter. We are including Acrolinum, which is a white and pink flower about one inch in diameter, with petals strawy to the touch, but of silken appearance. Plants 18 inches tall. Seahally, a pretty plant with thistle-like heads of flowers of a steel blue. The Everlasting Celosia, which is a lilac pink, borne in elongated heads, carried on long, substantial stems. We are offering a special mixture of these Everlasting flowers and give a liberal size package for 15c, 2 for 25c.

Giant AZTEC Bean



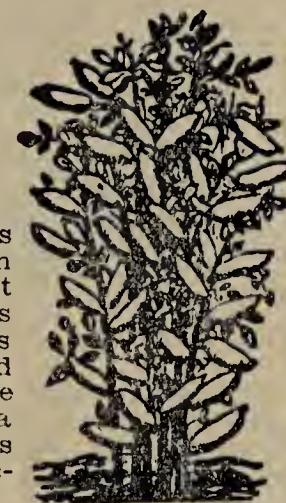
The above illustration was reproduced from an actual photograph, to show the comparative size of the Giant Aztec Bean with that of the common field or navy bean

The Giant Aztec is a real bean; looks like a field or navy bean except that it is 8 or 9 times as large. 18 or 20 Giant Aztec beans usually weigh an ounce, while it takes from 160 to 170 of the common field beans to weigh an ounce. It is a bush bean; will stand more drought than most varieties—very hardy—and probably the most productive bean grown. The quality of the Giant Aztec Bean is unexcelled both as a green and dry shell bean.
Pkt., 10c—3 for 25c

Lima Peas

Or Frost-Proof Bean

The Lima Pea or Frost Proof Bean is highly esteemed in Europe, and is known there as the Broad Bean. They are not sensitive to cold, so should be planted as early in the spring as possible. The beans are as large as the largest Lima, and nearly the same shape. The flavor is more like peas than beans. Used like the Lima Bean; delicious either cooked fresh or as a winter shell bean. Wonderfully productive. Pkt., 10c—3 for 25c.



AFRICAN GIANT POPCORN



SPECIAL BRED DISEASE-FREE SEED POPCORN

Extra large, smooth grains. Some of them as large as one inch in diameter after popping. Pops with a loud bang. The minute it starts to pop it sounds like a battle. Rich, cream colored grains. Tender and delicious. Pkt. 10c postpaid.

Big 7 oz. package (enough to raise all the seed you will need for next year). Postpaid..... \$.25
3 lbs. Postpaid 1.00
10 lbs. Postpaid 2.50

Mexican Fire Plant

(Annual Poinsettia)



A variety of Poinsettia which grows quickly to a height of 2½ to 3 feet from seed sown in the open during May. About the middle of summer the top central leaves turn to rich orange-scarlet, similar to the famous green-house variety of Poinsettia which is so popular about Christmas time. A blaze of glory throughout the summer and fall. Can also be grown as a house plant.

Pkt., 10c—3 for 25c

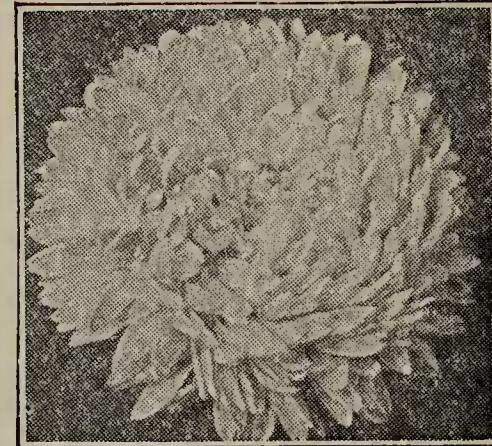


Giant Ostrich Feather Asters

We are now offering improved strain of Giant Ostrich Feather, and consider it the finest of all Asters. The plants are about 2½ feet high, robust in growth and branch freely, and are loaded with magnificent feathery, full, fluffy flowers of large size. Borne on long stems, they make cut flowers par excellence. We offer the following colors: Crimson, Brilliant Rose, Pink, Light Blue, Dark Blue, Pure White, Pale Yellow, or mixed colors. 15c per pkt.; 2 pkts., 25c.

HEART OF FRANCE

The best pure red Aster ever introduced. All others have somber shades of blue or too much yellow in the color pigments. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. The flowers are large and full with never a trace of hollow center. Pkt., 15c; 2 for 25c.



Fairy or Baby Rose

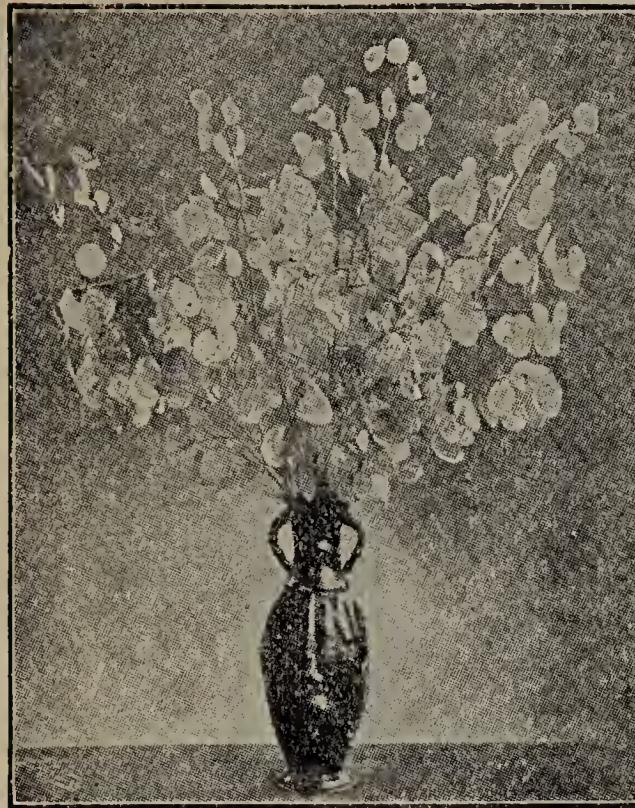
Roses from Seed the First Year

One of the most unique and novel pot flowers grown. The only genuine dwarf house Rose, blooming in four or five months after sowing the seed, giving about equal proportions of single, semi-double and double flowers, borne in clusters and contain all the tints and colors of cultivated Roses. Plants from seed sown in February in the house may be had in bloom in June, and should bloom continuously month after month. Pkt., 15c; two pkts., 25c.



Chinese Money Plant

[LUNARIA]



Pkt., 15c; 2 pkts., 25c.

A beautiful hardy biennial, about two feet in height, which is known in the different provinces of China as the silver, satin or money plant, and in Europe as St. Peter's Penny. Flowers are violet-purple, white and dark crimson, followed by the silvery seed pods, that present a beautiful and rather curious appearance. When dried, the stems, which are loaded with these glistening seed pouches, will last indefinitely and are exquisite for winter bouquets and other decorative purposes.



Silk Oak Tree

A magnificent plant for decorative purposes, of rapid, easy growth, fully cut foliage, and rivaling a rare Fern. Called "Silk Oak" on account of its beautiful foliage. Pkt., 10c; 3 for 25c.

Resurrection Plant

These peculiar plants are found among the pines and cedars of Palestine. When you get the plant it will have the appearance of a ball of tightly folded leaflets, dry and dead. Put it in water and it will open its handsome fern-like foliage and turn green. Take it out of the water and it curls up, turns brown and becomes dead again. It is capable of apparently dying and coming to life again repeatedly, and will keep in its dead or dormant state for years and reawaken directly upon being placed in water. It is an interesting, curious and most beautiful house plant. If you want a "table fern" that will prove satisfactory under all conditions, don't fail to get one of these marvels of plant life. Greatly admired by everyone. 10c each; 3 for 25c.



THRIVES
IN A VASE
OF WATER

SEEDS

Snake Cucumber

Snake Cucumber—Like its name—this curious cucumber resembles nothing so much as a long, green snake. It is often 6 feet in length and is a distinct, novel variety. Seed should be planted early to obtain best results. Excellent for pickling and slicing.

Pkt. 10c; 3 for 25c.



GROUND ALMOND

A delicious nut with a flavor resembling the cocoanut or almond. The meat is clear white, covered with a thin shell or skin of brown; grows close to the surface, very prolific, a single nut yielding 200 to 300 nuts in a hill.



Does well in any soil. Planted in the spring the same as potatoes. Pkt. 10c; 3 for 25c.

GIGANTIC "GUINEA" BEAN

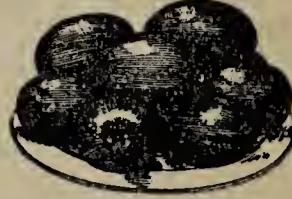
The New Guinea Butter Vine is a wonderful vegetable; extensively advertised as the Gigantic Guinea "Bean." Grows to enormous size, one fruit often weighs fifteen pounds, and from four to five feet long. Delicious eating and of fine flavor. Will grow anywhere.

Pkt. 10c; 3 for 25c.



ORANGE SUNBERRY
Berries size of gooseberries, grow in clusters; when ripe are of a beautiful orange color. Plants grown from seed sown in the spring will yield a big crop of fruit the following fall. The plants are wonderfully productive. The handsome orange colored fruits are excellent for preserves, pies, jelly, jams, etc. You will be delighted with this new berry.

Pkt. 10c; 3 for 25c.



VINE PEACH
Ripe fruit in 60 days after seed is planted. This wonderful Vegetable Peach is the most beautiful of all vegetables. They resemble oranges in color, shape, and size, and grow on vines like melons. They present a beautiful and tempting appearance when canned, and make delicious preserves and pickles; fine for pies. There is nothing like them. Extremely early, of the easiest culture, and very prolific.

Pkt. 10c; 3 for 25c.



JAPANESE GIANT RADISH

This is the great Sakurijima Radish—from Japan. Largest radish grown, often attaining the enormous weight of fifteen pounds, and sometimes twenty or thirty pounds. It is not only a curiosity, but a radish of extraordinary quality. The flesh is solid, firm, and brittle, and of most excellent flavor; can be eaten all summer long and also be kept through the winter. Will thrive in any soil or climate.

Pkt. 10c; 3 for 25c.

MASTODON

THE GREATEST OF ALL EVERBEARING STRAWBERRIES



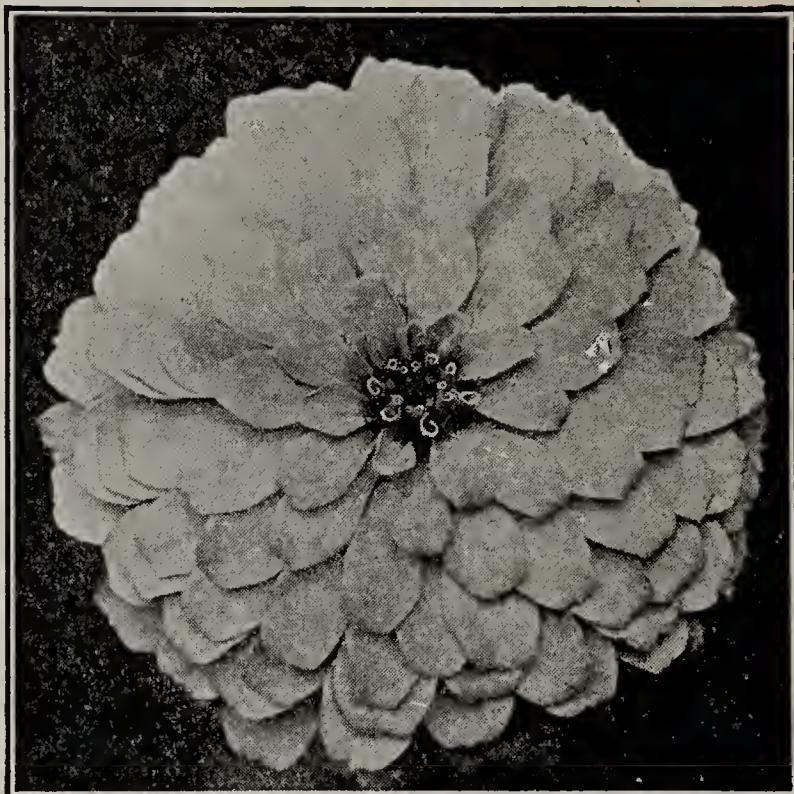
The Mastodon is without a doubt, the biggest and best Strawberry that we have ever seen, and would be a prize even if only a Spring bearer, and when you add that it is a true everbearer, it sure is a world beater. The fruit is big, dark red, solid, highly flavored, and is a perfect shipping berry. It is claimed that the berries are of such mammoth size it requires only **9 berries to a layer, 18 berries to a quart.**

The Plants are large and heavily rooted and bear right straight through the season from June until the snow flies. It is the only practical commercial Everbearing Strawberry that has ever been introduced and has won only praise from the largest shippers in the country.

No matter where you buy your Everbearing Strawberry plants, be sure to insist on **Genuine Original Strain Mastodon Everbearing Strawberry Plants** if you want the best. We have them.

The Mastodon produces an enormous crop, a field of four acres producing an average of nearly 350 crates to the acre. It is a sure money maker, so be the first to plant in your locality and profit by your foresight.

Price, 25 for 90c; 50 for \$1.50; 100 for \$2.50, postpaid. Larger number will be sent C.O.D. for postage, at the following prices: 300 for \$4.50; 500 for \$7.00; 1000 for \$13.00.



GIANT ZINNIA—This type, latest development in Zinnias, bears flowers of mammoth size; in form like a perfect decorative Dahlia. Plant is a strong grower and flower stems are long and stiff. This remarkable variety includes a complete range of delicate, bright and rich colors from white, yellow, lavender and rose to orange, scarlet and crimson. A wonderful cut flower. Pkt. 10c—3 Pkts. 25c.



Snow on the Mountain

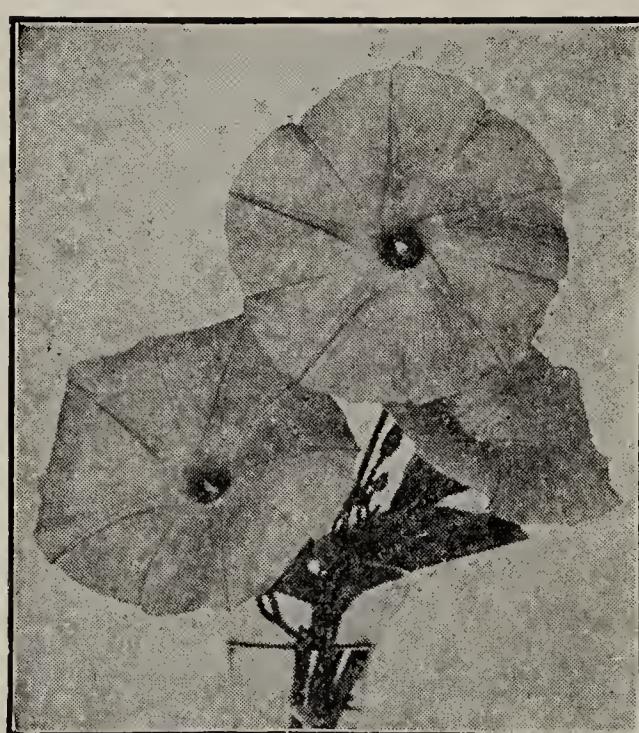
Snow On Mountain

One of the finest foliage plants for outdoor planting. Foliage attractively veined and is margined with white. 2 feet. Excellent for beds and borders. Pkt. 10c—3 Pkts. 25c.

Giant Pansy



Giant-sized flower of most striking character — each petal being conspicuously curled or waved, giving them the effect of a double flower—The colors are mainly rich dark shades, bordered, blotched or marked in ray-like veinings with contrasting colors — Bloom freely and continuously as long as weather remains cool. Pkt. 20c—3 Pkts. 50c.



Moonflower

MOONFLOWER—A rapid climber, reaching a height of 20 to 30 feet; foliage very dense. Every evening and on cloudy days the vines are covered with immense sweet-scented, pink and white flowers, many measuring 6 inches across. Pkt. 10c—3 Pkts. 25c.



Peerless, or Ice Cream

The Earliest Large Long Watermelon

Peerless is the earliest large long Watermelon. Our strain of this wonderful melon ripens very early. For the Central and Northern States, we consider this the best general cropper for the home market; has too thin a rind for shipping unless packed in straw. Fruits larger than Halbert Honey or Kleckley's Sweet and ten days earlier; rind light green, mottled and veined; flesh bright scarlet, solid to the center, tender, sweet, melting and delicious. Few, if any, surpass it for quality and productiveness. Pkt. 10c—3 Pkts. 25c.

Mushroom Spawn



The ease with which a crop of Mushrooms can be grown to perfection in an ordinary house cellar, and the astonishing success of so many who have taken up this new industry, both for profit and their own use, induces us to call special attention to the subject. The great luxury of Mushrooms can be enjoyed by all at a trifling expenditure of money, time and labor. It is very important that you get only the best quality of culture spawn. We guarantee that there is none produced that will excel our special brand. Don't make the mistake of taking anything offered at a low

price. Nine-tenths of the failures are due to planting a poor grade of spawn.

Each brick of our PURE CULTURE MUSHROOM SPAWN will spawn 10 square feet of bed. 60c per brick—3 bricks \$1.50 postpaid. Cultural directions sent with each order for spawn.

Strawberries

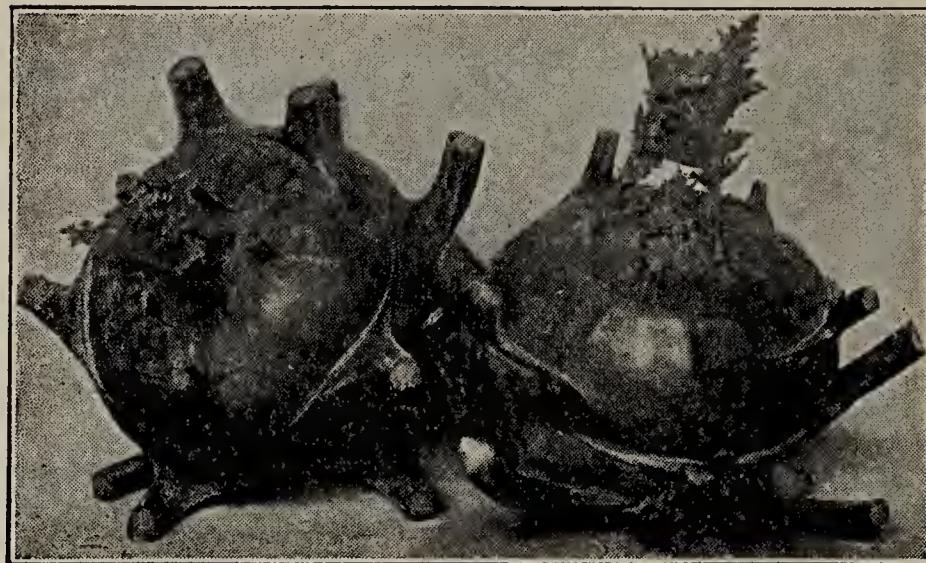
FROM SEED



RED ALPINE. Seed sown in pots in winter will produce fruits the following fall. Plants from the general sowing made in spring and summer yield delicious fruit over an inch in length during the succeeding Strawberry season. Berries are often produced as late as the last of October or early November. Berries are not as large as the standard varieties, but are of superior quality, and have the rich wild Strawberry flavor. Pkt. 15c—2 Pkts. 25c.

NEW GUINEA BEAN GROWS BIG

Some of the seed of the New Guinea Butter Vine which I purchased last spring have in turn, produced some beans which now weigh in the neighborhood of 30 pounds. The beans seem, at this time, to be still growing to some extent.—L. H. Cannon, Decatur, Illinois.

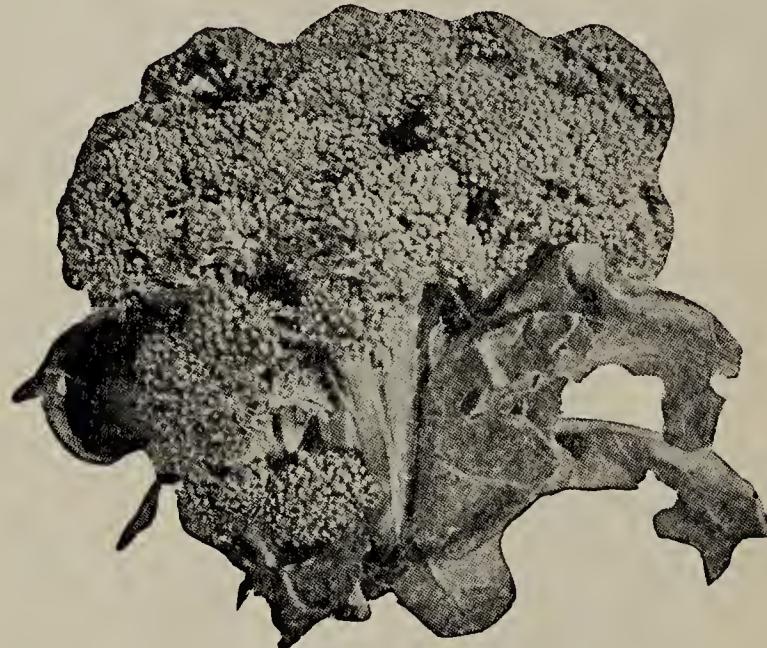


Kohl-Rabi

Early White Vienna Kohl-Rabi (Turnip Rooted Cabbage)

The Kohl-Rabi belongs to the Cabbage family. It does not make a head, but the stalk forms a turnip-shaped swelling just above the surface of the earth. These balls when the size of an egg make a very excellent vegetable. May be cooked either like cauliflower or turnip, resembling cauliflower in flavor. They are in season during, June, July and August, or at periods when turnips are not good, and succeed in dry weather when turnips are fibrous and hot. For a continuous supply sow every two weeks up to the middle of July.

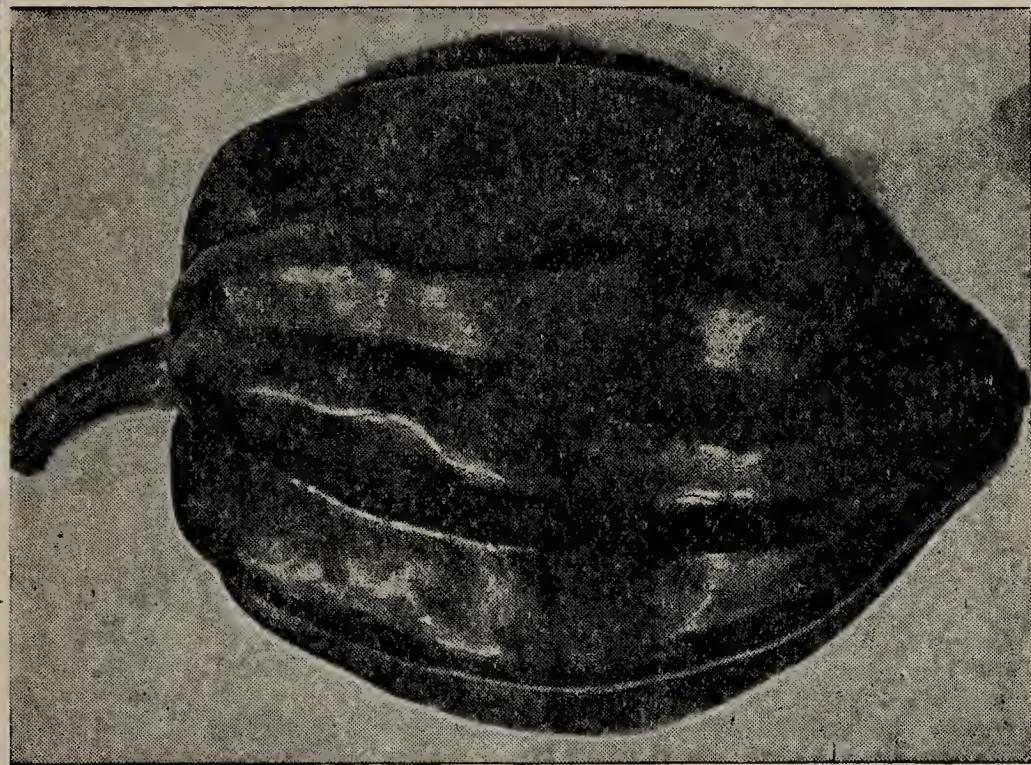
EARLY WHITE VIENNA is the best variety of Kohl-Rabi; very select, extra-early strain; ready for the table in 60 days from seed. Flesh firm, but cooks very tender; sweet and delicious. No garden complete without it. Pkt. 10c—3 Pkts. 25c.



Early Sprouting Broccoli

Italian Early Sprouting Calabrese Broccoli

ITALIAN EARLY SPROUTING CALABRESE—A delicious variety which resembles Cauliflower, but is of more delicate flavor, having the combined flavor of Cauliflower and Asparagus. It is grown about the same as Cabbage. Simply sow the seed in the open ground in the spring and transplant the plants when large enough. The heads or sprouts when ready to use are deep green. After the central head is removed, the plant produces numerous branch heads which are fully as desirable as the first head produced. A continuous supply may be had for a long time from a few plants. While the sprouting type of Broccoli is of recent introduction, it is rapidly gaining in favor, and is a very profitable crop which finds ready sale at good prices in city markets. We have taken pains to secure seed of the very best strain. Pkt. 10c—3 Pkts. 25c.



Acorn Squash

Surely a Squash fit for a Queen's taste. Cut in half and baked for 20 minutes it will give you a delicious meal you will long remember—and if you like pie, try one made from Acorn Squash. You will be pleased not only with the quality of this Squash, but will get so many from each seed planted, the vines being so vigorous and productive. The fruits are a nice size to handle, 6 to 7 inches long and 4 to 5 inches in diameter. The meat is exceptionally dry and mealy and of fine flavor. The shell is thin, but hard and smooth, and they keep as well as the Hubbard, although they ripen earlier. The color is dark green, almost black, with sometimes a blotch of red at pointed end. This fine Squash has rapidly come into favor in many markets, being preferred to the large sorts, while for the home garden it is ideal. Pkt. 10c—3 Pkts. 25c.

Icicle Radish

The best long white Radish; mild and sweet. A favorite with market gardeners and for the home garden. Pkt. 10c—3 Pkts. 25c.

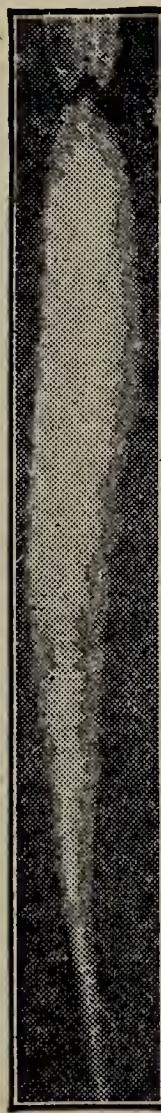
Saxa Radish

The Earliest Radish Grown

We have found this new Radish to be earlier than any of the other so-called earliest sorts. The best extra early variety for forcing, and for growing in the open ground it has no superior. From the time of seed sowing to the table in 16 to 18 days, and under ideal conditions are fit to pull in 15 days. It is round, bright scarlet in color, and has a very small top and taproot. Flesh pure white, crisp, brittle, mild and juicy. The Saxa is one of the slowest to shoot to seed. Pkt. 10c—3 Pkts. 25c

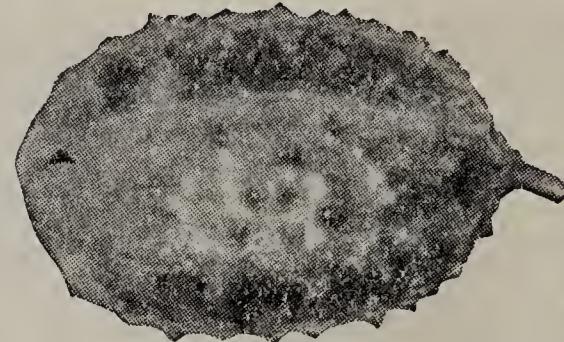
Sweet Potato Pumpkin

TENNESSEE SWEET POTATO is an excellent sort which, when cooked, resembles a sweet potato in flavor, but is of more delicious taste. It is pear-shaped and slightly ribbed. The color is creamy white, sometimes striped with green. Flesh is fine grained and very dry. Fine when cooked like sweet potatoes and nothing superior for making pies and custards. Matures in 95 days, is hardy and productive, and keeps perfectly sound until late in the spring. Pkt. 10c—3 Pkts. 25c.





Staysgreen



WEST INDIA GHERKIN

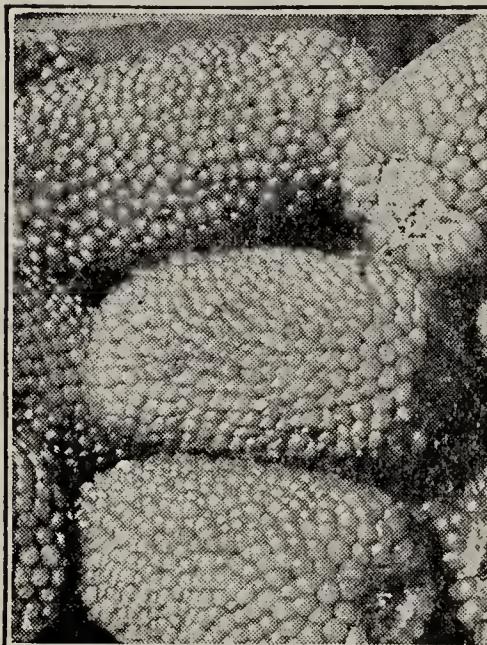
Small, oval-shaped, prickly fruit—used exclusively for pickling; very prolific.

Pkt. 10c—3 Pkts. 25c

Staysgreen, or Always Green

The greenest of the Long White Spine Cucumbers. About seven inches long; excellent shape and quality. Begins bearing very early, and picking period extends over a long time. A favorite for the home garden. Pkt. 10c—3 Pkts. 25c.

Pop Corn



AUSTRALIAN HULLESS

Also known in some sections as Japanese Rice, Tom Thumb, or Bumble Bee. A heavy yielder of attractive little short ears, nearly as thick as long. Its crowning merit is its popping quality, fine flavor and absence of hull or shell.

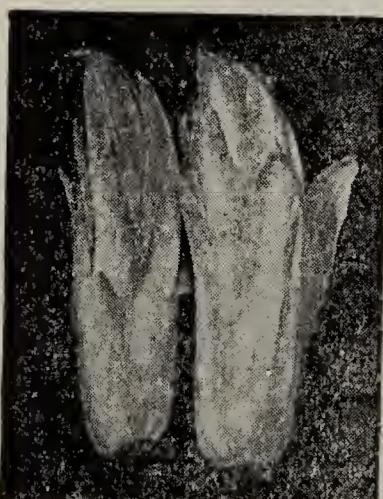
Pkt. 10c—3 Pkts. 25c

BLACK BEAUTY

Ripens earlier than any other variety, yet the ears are large in size and the yield is as heavy as that of any of the later sorts. Pops large and is the finest flavored variety of Pop Corn.

Although the kernels are black, they show up nice and white when popped. Pkt. 10c—3 Pkts. 25c.

Witloof Chicory (Winter Salad or French Endive)



Witloof is a delicious winter vegetable. It makes one of the finest of all salads, is very fine served with French dressing and eaten like lettuce, and is also excellent boiled. Plant seed in May or June in open ground, and in fall dig roots, cutting off the leaves, and store in soil in a cool place until wanted for forcing. About a month before wanted, the roots should be planted in boxes of earth, in a cool, dark place in the cellar. If not grown in a dark place, it should be banked up like celery, as it is the blanched stalks that are used. Coming as it does, in the middle of the winter, it is bound to become popular as it becomes better known.

Pkt. 10c—3 Pkts. 25c.

Lightning Express Cabbage

The Earliest Cabbage in Cultivation



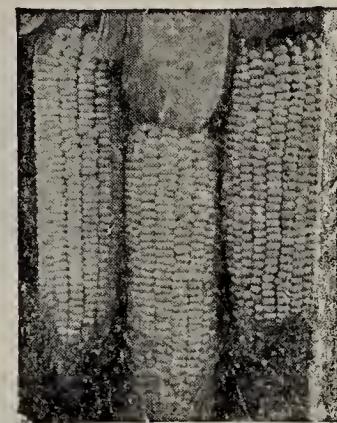
Our Lightning Express is ready for use in 65 to 70 days from sowing—ten days earlier than Jersey Wakefield. Good fair trials of varieties offered by other seed houses as "the earliest grown" have proved that they are from 4 to 10 days later than our Lightning Express.

Lightning Express is positively the earliest Cabbage in cultivation. The heads are pointed, of good size, a little smaller than Jersey Wakefield, always sure to head, solid and firm, and always in demand on the market, bringing high prices on account of their extreme earliness. Very hardy, permitting earliest planting. There are but few outer leaves and plants may therefore be set closely together. As many as 14,000 heads can be grown on one acre of ground, and will bring a larger profit per acre than later and heavier varieties.

Pkt. 10c—3 Pkts. 25c

Barden's Wonder Bantam Sweet Corn

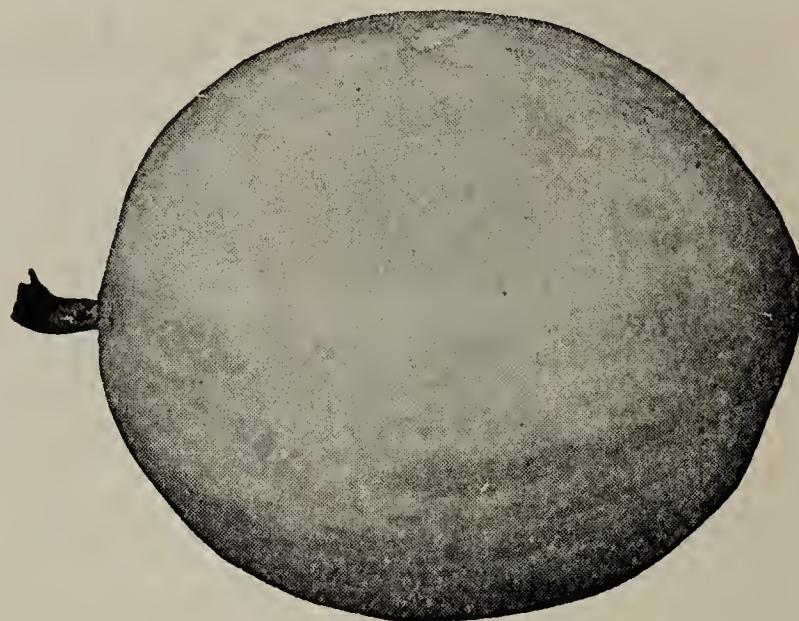
This matchless Sweet Corn is a cross between Golden Bantam and Early Wonder, the result of which is a Bantam Sweet Corn with all the qualities and sweetness of the old reliable Golden Bantam, but with larger ears set up higher on the stalk. Ears 8 to 10 inches long, filled with 8 rows of broad, rich, golden yellow kernels. Stalk 5 to 6 feet high. Critical market and home gardeners and canners have long been looking for a Bantam Sweet Corn with these improved qualities. One of the big canning companies reports that Barden's Wonder Bantam produces one-third more tonnage per acre than any other Bantam Corn they have ever grown, and will consider using no other in the future. Tests each year have proved it to be as early as Golden Bantam and much more vigorous and productive. Pkt. 10c—3 Pkts. 25c.



New Coreless Carrot

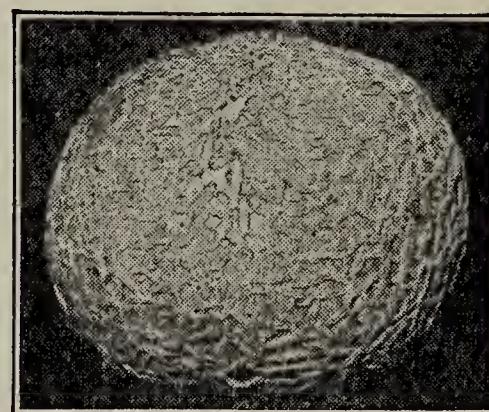
A new rapid growing early variety of superior flavor; tender and without any woody heart or core. Roots are half-long, blunt-pointed, and grow to a medium size; are very smooth, and of a deep orange-red color. Highly recommended for market or home use when either young or full grown.

Pkt. 10c—3 Pkts. 25c



"HONEY DEW", The Famous Melon

This is a cross between the Rocky Ford Cantaloupe and a South Sea Island Casaba. It has retained all the best qualities of both and is better than either. The melon is nearly white, turning to lemon-yellow when ripening, and the average size is a little larger than that of a coconut. The flesh is light green, the juiciest and sweetest Muskmelon, and luscious in flavor. The rind is hard. It is good as soon as picked off the vine and will keep good for months if kept in a cool, dry place. It is therefore a good shipper and a most splendid fruit to grow for the market. In the city markets the Honey Dew sells at higher prices than any other melon. As a local melon, it advertises itself. The first one eaten creates a desire for more. Plant it in your home garden. It will afford you more pleasure than any other vegetable you have. Ripe fruits in 90 to 120 days, depending upon the season. Full grown fruits that do not ripen on the vines before the fall frosts can be picked and will ripen in storage. Pkt. 10c—3 Pkts. 25c.



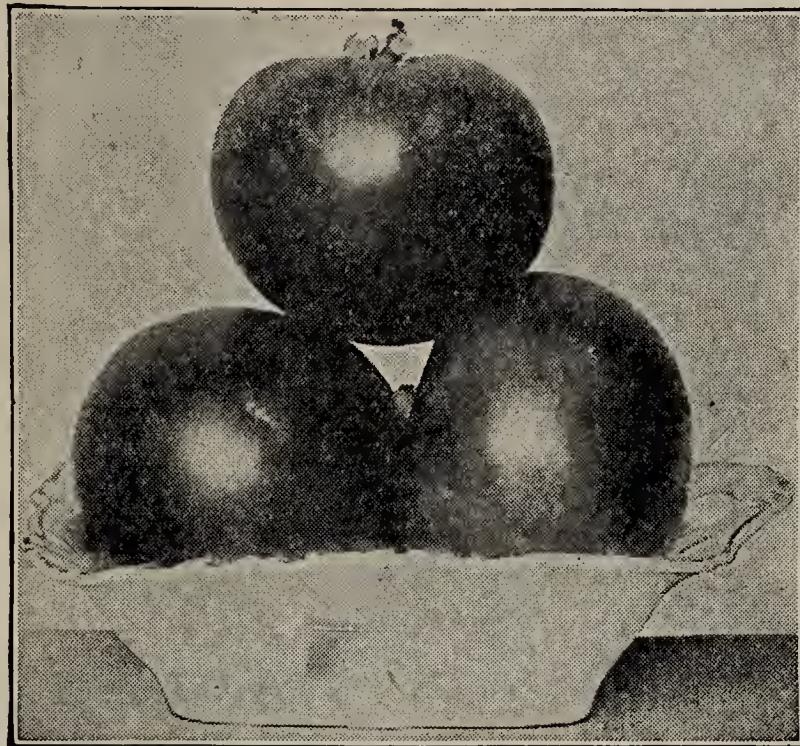
SUGAR ROCK

The Million Dollar Melon

A new melon which, for the last four years, has proved to be the most profitable market variety in the melon-growing districts of Michigan, Indiana and Ohio, and is sure to become a leader throughout both the Eastern and Western States. Sugar Rock will stand shipping and handling better than any other high-grade melon, and due to its striking appearance and superior flavor and quality, it is rapidly becoming a favorite, commanding the highest prices in city markets. It is one of the most productive varieties grown. Five to seven perfect fruits, and often more, are produced on one vine. The rind is so tough and the flesh so firm that they can be allowed to ripen on the vine and then be shipped long distances and arrive in perfect condition. It is not of the Rocky Ford type. It averages a little larger and is earlier, maturing its fruits in about 85 days. The fruits are slightly oval—nearly round—and are overlaid with a heavy gray netting. This heavy netting and tough rind is what makes them stand handling and shipping so well. Sugar Rock has deep orange flesh. It is wonderfully sweet and delicious. Pkt. 10c—3 Pkts. 25c.

JUMBO CABBAGE

The largest cabbage grown; 20 to 30 pounds each. Heads flat, rounded at top; very solid; sure to head; excellent keeper. The quality, for slicing, for kraut and for general table use, is unsurpassed. Pkt. 10c—3 Pkts. 25c.



Break-O-Day Tomatoes

The Earliest, Disease Resistant, Globe Shaped, Scarlet Fruited, Meaty Tomato Yet Introduced.

We are pleased to be able to supply our customers with seed of this wonderful Tomato, which is the result of the most recent and scientific research in tomato growing by Dr. Fred J. Pritchard of the U. S. Department of Agriculture. Break O' Day is a hybrid from Marglobe and other earlier varieties. It ripens as early as Earliana, about two weeks earlier than Marglobe. The foliage is similar to that of the Earliana. The fruit's are of the Marglobe type, deep globe shaped, solid, meaty, with but few seeds, and of a beautiful scarlet color. No acid; just full of delicious sweet, beautiful red meat. Break O' Day not only starts bearing early, but is an abundant yielder throughout the entire season. We can highly recommend Break O' Day to market growers, home gardeners and canners.

Pkt. 10c—3 Pkts. 25c.

Shade Trees 50c Each 3 for \$1.25; 6 for \$2.00

AILANTHUS (Tree of Heaven)	MULBERRY, Russian
CATALPA, Speciosa	POPLAR, Carolina
ELM, American	POPLAR, Lombardy
HORSE CHESTNUT	RED BUD
MAPLE, Ash-Leaved (Box Elder)	TULIP TREE
MAPLE, Silver	WILLOW, Babylonica Weeping
MOUNTAIN ASH	WILLOW, Wisconsin Weeping
	WILLOW, Golden

Take your choice of the above varieties of mailing size shade trees at 50c each; 3 for \$1.25; or 6 for \$2.00, postpaid. All of these varieties, with the exception of Mountain Ash and Horse Chestnut, are 2 to 3 feet in height. These two varieties will run a little smaller. Remember, these trees go to you prepaid at these low prices.

Northern Grown Peanuts



Just as good Peanuts can be grown in the Northern States as in the South, provided you plant Improved Early Spanish. Everyone should plant at least a few for the children. This is the earliest variety grown, and is very productive. The pods are small, but remarkably solid and well filled with nuts of the very finest quality. Boys, here is a chance for you. Think of growing peanuts in your own garden and having plenty of them to eat. Shell nuts carefully so as not to break inside skin, and plant as soon as ground becomes warm, about 2 inches deep, in rows 3 feet apart and from 8 to 10 inches apart in the row.

Pkt. 10c—3 Pkts. 25c—Postpaid

Celery Asparagus or Ivory White Sea Kale

Celery Asparagus or Ivory White Sea Kale is a delicious perennial vegetable which is cultivated somewhat like Asparagus, and is very easily grown. It is ready for use earlier in the spring than Asparagus, and combines the flavor of Asparagus with that of Celery. Its blanched stalks are cooked like Asparagus and the leaves are used as greens. Owing to its extraordinary merit it is worthy of general cultivation.

Pkt. 10c—3 Pkts. 25c



Corn Salad or Fetticus



This is a hardy winter salad, the leaves being served like lettuce during the cool fall and winter months. It is used also for garnishing meat dishes in the same manner as parsley, and can be cooked like spinach. The seed should be sown thinly in drills during August or September, to supply fresh leaves during the cool fall and winter months. It is quite hardy, but in the Northern States, after cool weather sets in, should be protected by a thin mulch of straw or leaves.

Pkt. 10c—3 Pkts. 25c

JAPANESE WALNUT

This imported walnut is one of the species best adapted by its hardy, vigorous habit, for general culture in this country. It will stand twenty degrees below zero without injury. Nuts are larger than common hickory nuts and borne in a cluster. It is a handsome shade tree and begins to bear when only three or four years old. 2-ft. to 3-ft. trees, \$1.00 each, postpaid.



Jerusalem Cherry

Jerusa- lem Cherry

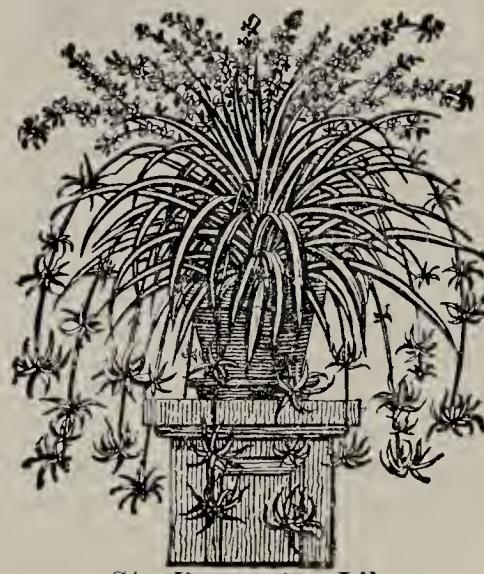
A very showy house plant, loaded with ornamental "cherries" which turn to glossy scarlet when ripe. Fine for Thanksgiving and Christmas decoration. The bright cherries—which are not edible—will hang on the plant all winter; foliage always green and very ornamental. Pkt. 10c—3 Pkts. 25c.

St. Bernard's Lily

Recurved, graceful foliage which makes a handsome pot plant; also useful for vases. Leaves are dark green, beautifully marked with broad stripes and bands of a creamy white color. Bears large spikes of white flowers. Pkt. 25c.

Lobelia Sapphire

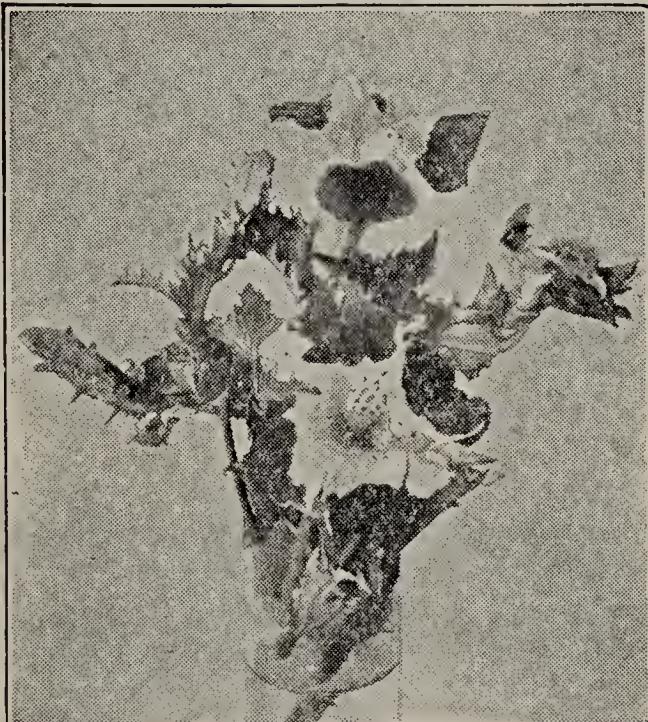
A beautiful trailing plant of strong growth; a mass of unusually large sapphire-blue flowers with a beautiful white eye; never out of flower. A most desirable pot and basket plant. Pkt. 15c.



St. Bernard's Lily

Monkey Flower

Tender, little, half-hardy perennial which does best as a house plant. Oddly shaped flowers of yellow, red, pink, and orange, all tigereed and spotted. Named Monkey Flower from the resemblance of the corolla to a mask or face. Blooms the first season if seed is sown early. Very attractive plant—Will do well planted out in a moist shady situation. Pkt. 10c—3 Pkts. 25c.



Monkey Flower

Enormous Yield of PROSO



The above illustration shows a stalk of proso grain heads. Notice how hardy and bushy this plant is. It grew to a height of $3\frac{1}{2}$ feet, stooled and branched, producing 21 heads, on one of which was 1185 grains. One authority tells us that a half pound of seed should produce ten to twenty bushels of grain.

Here is a new Poultry Grain which owes its origin to Russia, that enables you to raise your own feed. Even if you only have a small plot of ground you can still raise an enormous crop. Proso is unlike anything you have ever seen in this country. It grows more rapidly and matures quicker than other grains. It reaches a height of three to four feet, stools and branches, making fifteen to twenty-five heads instead of one. That is why it yields such enormous crops from such unbelievably small plots of ground. The Sarasota County Tribune May 5, 1931, of Sarasota, Florida, Says: "Our test plots of Proso have drawn visitors from many miles around."

Fowls Prefer It To Other Feeds

Prof. Hansen says of Proso: "When it is hulled and cooked for the table the Russians call it Kasha, and it is extensively used in European Russia, Siberia, Turkestan, Mongolia and other parts of Asia. This is specially valuable grain. For feeding stock, poultry, etc., it is equal to, or better, than wheat."

It is also used in those countries for flour and making into bread. In Russia one buys Proso bread just as you buy wheat bread here. It is extremely palatable and fowls prefer it to any other grain. In our experimental plant the fowls leave all other grains once they have tasted Proso. Try it yourself. Put a handful of proso in your mash feeder and watch how the birds do not touch the mash so long as any Proso remains.

Wonder Egg and Meat Producer for Chickens, Ducks and Geese

Proso makes a splendid mash when ground alone. When feeding with corn or oats the ratio should be four parts Proso to one part other grain. It may be fed in bundles as the kernels are readily scratched out of the heads, or it may be fed as clean grain from the thresher. Produces more eggs and meat per bushel than ordinary grains. Fine for hogs, cattle and sheep.

Grows Anywhere—May Be Planted Late

Although a native of Russia, Proso does better, grows faster and matures quicker in our climate. During the fifteen years since it was first introduced in this country it has become acclimated so that it now grows here just as well as our native crops. It may be planted any time after corn planting time up to the middle of July.

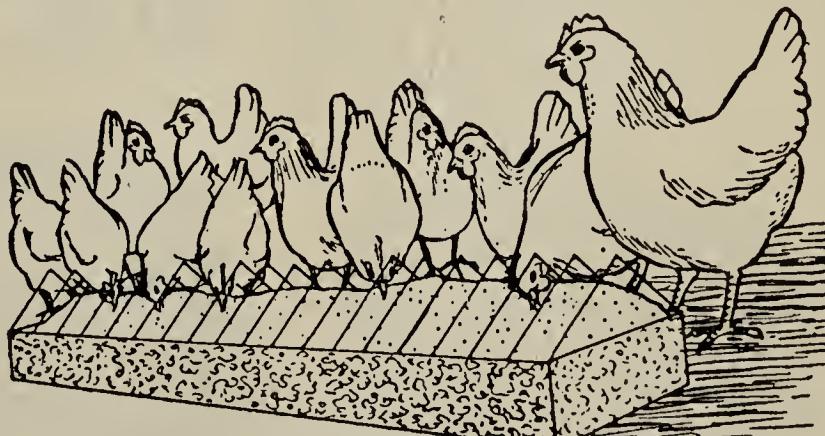
Proso may be planted in high, dry soil that is not suitable for other grains. It is especially valuable as a summer "catch crop"—something that may be planted on land which has had an early crop removed, or ground that has been drowned out and not in shape to work until late in the season.

Buy Proso Seed at These Special Low Prices

There has never been enough Proso produced in this country for commercial use. We have plenty of seed for our customers who wish to get a start of Proso but we urge that you get your order in at once so you can be sure of securing your supply.

7 oz. Package prepaid anywhere in U. S. at.....	\$0.45
2 $\frac{1}{2}$ Pounds.....	1.20
5 Pounds (one acre sowed in drills).....	2.00
12 $\frac{1}{2}$ Pounds (one acre sowed broadcast).....	4.00
25 Pounds.....	7.00

Delivered Prepaid to All Points between Denver, Colo., and Pittsburgh, Pa. East of Pittsburgh and West of Denver Add 3c per lb.

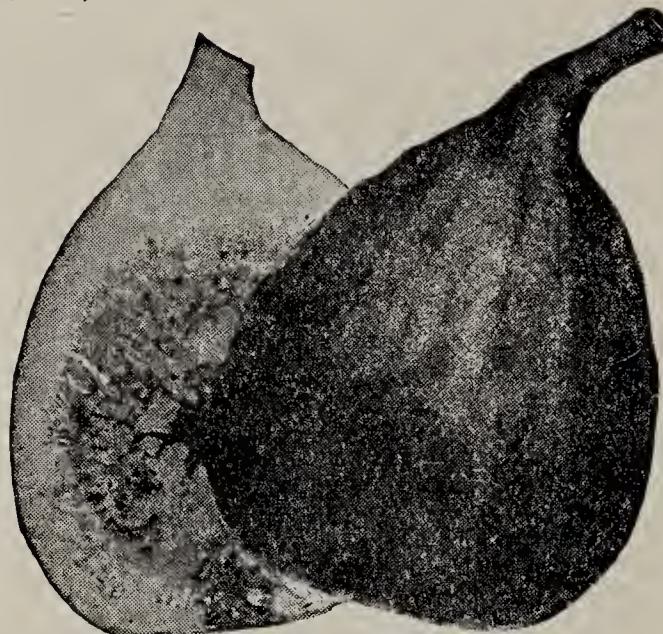


**Increase Egg Production —
Great for Scratch Feed —
Grows Anywhere —**

**Heavy Meat Producer —
Easy To Thresh —
May Be Planted Late —**

GROW FIGS IN THE NORTH

Our Dwarf Fig is particularly adapted to pot culture. As a pot or tub plant, it is extremely valuable either indoors or outdoors, and is an abundant bearer of the most delicious fruit.



Dwarf Fig Fruits, Reduced in Size

It will winter safely in an ordinary cellar, or it can be allowed to harden off with a few fall frosts and then be brought indoors for growing during the winter. Our Dwarf Fig is a variety which fruits on the young wood, that is wood of the current year's growth, which makes it a most desirable variety where the tops are likely to be frozen back, for if the top is frozen it can be cut to the ground and when it begins growing, it will produce fruit on the new wood. It is for pot or tub culture that we particularly recommend this Fig, but when grown in the open ground, it will develop a crop of fruit farther north than is true of other varieties. Plants bear the first year they are set and abundantly each year thereafter. The fruit is very sweet and delicious; of good size; with flesh that is firm and meaty, and of very fine quality for making preserves, jams, canning, drying, or to eat in the fresh state. Choice plants 75c each—3 for \$2.00, postpaid.

Cigar Plant

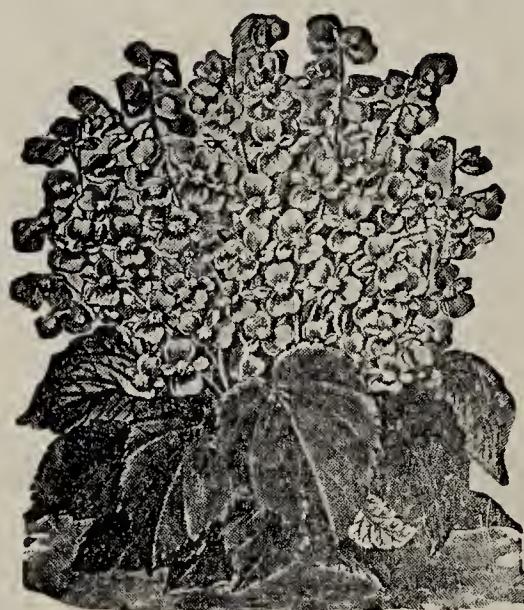
A charming compact house plant, literally covered with scarlet tubular flowers throughout the year. Simple culture. Pkt. 10c—3 for 25c.



Cigar Plant

Begonia

Semperflorens Hybrids Begonia, as a bedding plant, ranks with Coleus and Geraniums. Of sturdy growth, about one foot high, forming dense bushes, which from May until frost are completely hidden with flowers. As a house plant, it blooms throughout the entire year. A fine mixture of colors, from pure white to deepest crimson. Pkt. 10c



Begonia



Coleus

Rainbow Hybrids Coleus are beautiful and showy bedding and house plants—Large heart-shaped leaves, many of them are handsomely crimped, toothed and frilled; beautifully variegated and with color combinations that are remarkably rich. Pkt. 20c.

Geraniums

A superb strain of the finest American and European varieties, many of them with zoned and variegated leaves. A choice mixture of all colors. Very interesting to grow from seed, and easily grown—
Pkt. 10c—3 Pkts. 25c.



Angel's Trumpet

ANGEL'S TRUMPET

Large tropical leaves with trumpet-shaped flowers, pure white and as fragrant as jasmine. Blooms indoors in winter and in the garden in the summer. Pkt. 20c.

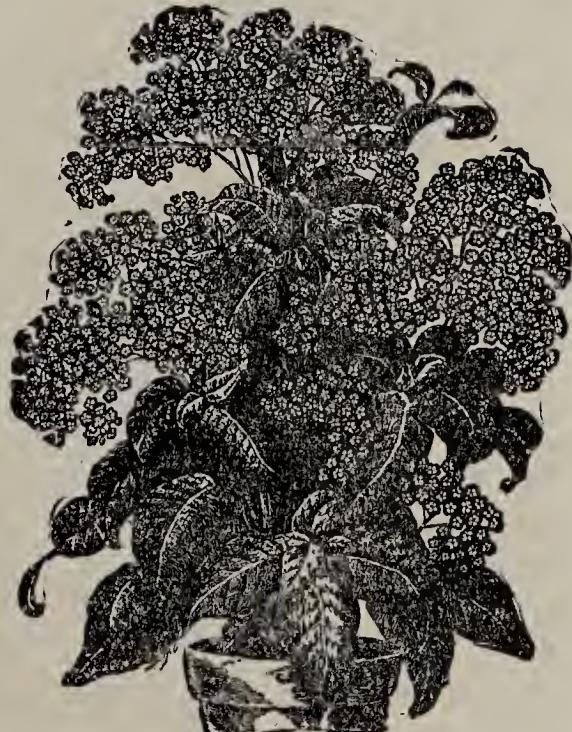
Blue Lily of the Nile

A splendid ornamental plant with bright evergreen foliage spreading 3 or 4 feet and surmounted with spikes of bright blue flowers which remain in bloom for a long period. It is a most desirable tub plant for porch or lawn. Should be wintered in the cellar or greenhouse. Seed, 15c per packet.

Heliotrope

These are universal favorites on account of their delightful fragrance. Flowers equally well as bedding plants in summer or as pot plants during the winter. Flowers of great size and ranging in shade from dark blue to lilac.

Pkt. 10c.



SHOW THIS CATALOG

TO YOUR FRIENDS;

WE ARE HEADQUARTERS FOR NOVELTY SEEDS.

KUDZU

THE GREAT FORAGE CROP

KUDZU is a wonderful perennial legume. It outyields alfalfa on poor land; succeeds on land too poor for alfalfa; and does not have to be fertilized or limed. While it is perfectly hardy in the Northern States, the South is where it thrives to perfection, and it is there that it is a most profitable crop. It is adapted to every class of well-drained soils, and will succeed on practically any land not water-soaked and not a desert. It enriches poor soil more rapidly and more permanently than it can be improved in any other way, and will transform non-productive, barren hillsides into a main resource of the farm.

KUDZU contains more protein than wheat bran—as high as 19.82 per cent and averaging 17.43 per cent. A remarkable feature is that although the hay is richer than alfalfa, yet it is not injurious to horses and perfectly safe for all stock, when fed either green or dry. Does not cause sickness of animals even when overfed; when fed to cows it will produce more milk and richer milk than any other one feed; and makes a good permanent pasture.



KUDZU can be harvested when weather conditions are unfavorable for other hays and will yield a fine quality of hay, often when continued showers and dampness would mean ruin to any other legume hay. It cures the quickest of any known hay, and the leaves do not drop off. Instances are known where four cuttings of hay averaging $2\frac{1}{2}$ tons per cutting and making a total yield of ten tons per acre in a single season have been made.

KUDZU should be given cultivation the first season. A full crop or corn or a good crop of potatoes, or any other similar crop, may be raised on the same land the first year, so the

farmer does not lose the use of the land. After the first year no cultivation is needed, as the plants will cover the ground the next season and take root at the joints, growing so rapidly as to choke out all other plants (even such pests as Johnson and Bermuda grasses), yet it is an easy matter to get rid of Kudzu if desired, for it has a peculiar habit of neither blooming or bearing seed under field culture, and the plants will only sprout from the crowns and can be killed by cutting off these crowns with a disk plow in hot, dry weather. When the crowns of Kudzu roots are cut off and exposed to sunshine for half a day or so they are killed, and the roots decay. Another method of eradicating Kudzu in case one desires to put a field back to intertilled crops, is to plow late in the fall, and plant the following spring to corn, beans, potatoes or any other crop that can be given careful cultivation. While Kudzu will stand more abuse than most any other plant we know of, it is much more easily eradicated than alfalfa if one wants to get rid of it. Kudzu absolutely cannot become a weed pest.

One farmer who has given Kudzu a good trial says: "In my thirty-five years' experience in farming in different states, and with various hay crops, I have never seen a hay that has cured so quickly, held its leaves so well, or kept its color so perfectly under various conditions as Kudzu does. It does not require lime, as is the case with alfalfa and some other legumes. It does not require a rich soil, and so far as our experiments have gone the past ten years, fertilizing is not only unnecessary but unprofitable. I have had plantings in which some were located in the very poorest of soils—soils that would not produce corn, melons, or even cow peas—and with the exception that young plants did not start off quite so readily on these poor spots, one could not tell the difference at the end of the second season.

PRICE OF KUDZU SEED: Per package, 15c — 10 packages, \$1.25.

KILLS RATS AND MICE

NON-POISONOUS RAT & MOUSE KILLER



"BLACK CAT" is harmless to Man, Domestic Animals, Baby Chicks, Poultry, Dogs or Cats, but Kills Rats and Mice Quickly. May be safely used around the home, barn, poultry house, warehouse or any rat or mouse infested building. Can be mixed with butter, ground meat, corn meal or other food, and the rats and mice will eat it readily. Drives them outdoors to die.

"BLACK CAT" is guaranteed to kill rats and mice and nothing else, when used according to directions. Send for a package today.

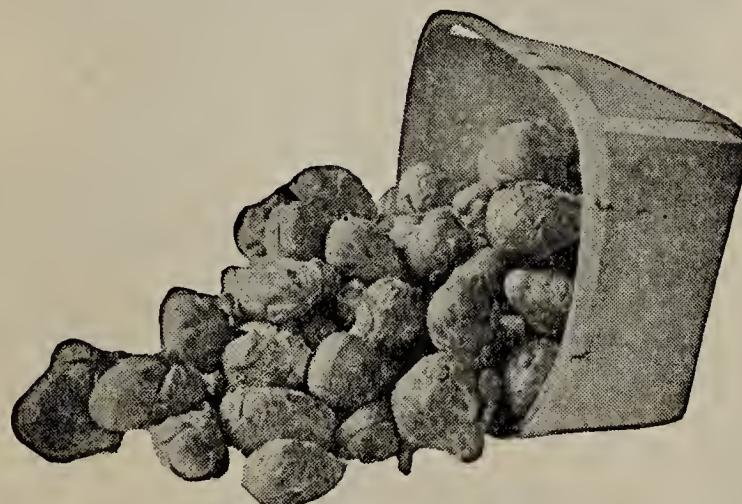
50c Package, Postpaid

Spinach Beet or Swiss Chard

GIANT LUCULLUS—Grown extensively for its large, juicy tender leaves and leaf stalks. The leaves grow to a length of 2 to 2½ feet, and the stalks are nearly as thick and broad as Rhubarb and never get tough. By picking off the large outside leaves, as wanted, more leaves continue to grow and keep right on growing until killed by severe frost in the fall. The whole leaf can be used for greens, or the leaf stalks can be cooked like asparagus. Also extensively used as a green food for poultry. Pkt. 10c—3 Pkts. 25c.



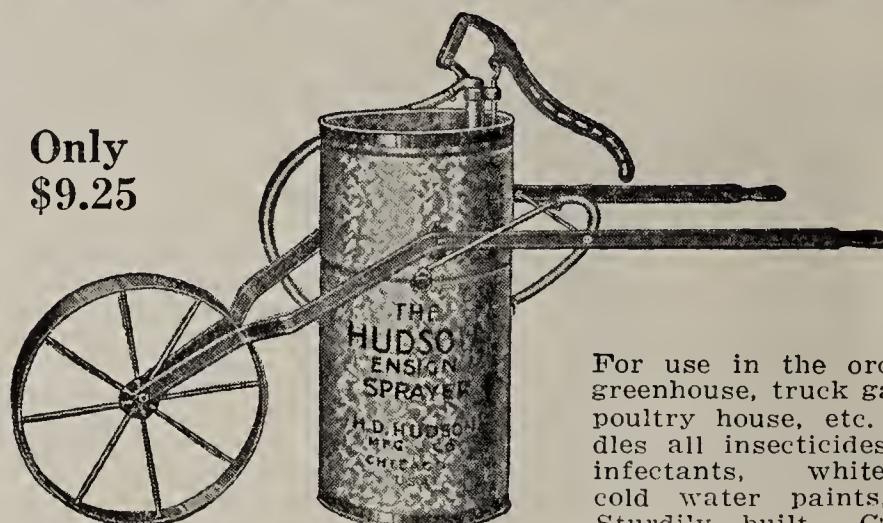
Brussels Sprouts



Improved Half-Dwarf Brussels Sprouts is a variety of the Cabbage family, possessing the peculiarity of bearing upon its stem or stalk from 50 to 100 small, compact round heads, each measuring from 1 to 2 inches in diameter. These heads are cut off when formed and are usually marketed in quart berry boxes. The plants are very hardy, are not injured but improved by hard frosts, and are left in the garden or field during the early winter until wanted. May be had in fine condition until about Christmas time in the North, and in the South may be had from November to March. These miniature Cabbages may be boiled like Cabbage or cooked in cream like Cauliflower. They are the most delicious and delicately flavored of the Cabbage family. Pkt. 10c—3 Pkts. 25c.

PORTABLE ENSIGN SPRAYER

Only
\$9.25



Galvanized 12 gal. tank. Brass cylinder pump. Channel steel frame with 16 inch dia. wheel, 2 inch tire. Furnished with 5 ft. $\frac{3}{8}$ inch hose, 2 ft. iron extension rod, and angle spray nozzle. No. 313—Sprayer. Wt. 40 lbs. Each \$9.25

For use in the orchard, greenhouse, truck garden, poultry house, etc. Handles all insecticides, disinfectants, whitewash, cold water paints, etc. Sturdily built. Galvanized

CARDINAL SPRAYER

For fly oils, insecticides, disinfectants, and similar solutions. Handy and efficient. All working parts brass. Galv. 3 qt. tank with screw capped filler opening. No. 435—Cardinal Sprayer.

Wt. 3 lbs. Each \$1.50



CLIMAX COMPRESSED AIR SPRAYER

Adapted for all spray work. Handles whitewash, cold water paints, insecticides, fungicides, etc., very efficiently. 4 gal. galvanized tank. Seams are brass riveted and heavily soldered. Pump seamless brass tubing. "T" handle lock. Complete with special hose, curved brass extension and spray nozzle.

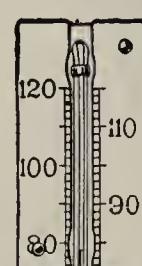
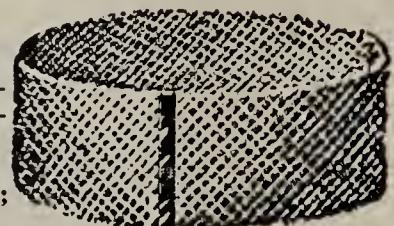
No. 135—Climax Sprayer.
Wt. 10 lbs. Each \$3.35

All Sprayers F.O.B.
Factory.

Brooder Wicks

For all styles of Oil Brooders. Width $1\frac{3}{8}$ in. Diameter $3\frac{1}{2}$ or 5 in.

State diameter wanted.
No. J340 Wick, 3 for 40c;
6 for 70c, prepaid.



Wafers

For Incubators and Brooders. All brass. Give name of incubator or brooder when ordering.

Single Unit Wafer

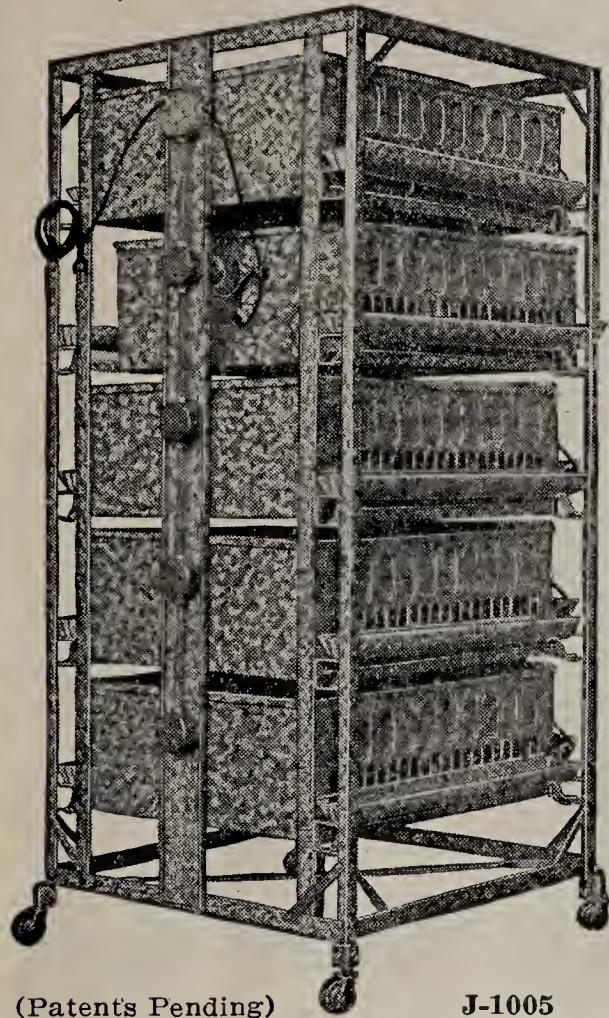
Size	Each	Four
3 in.	25c	\$0.90
4 in.	40c	1.50
5 in.	60c	2.20

Double Unit Wafer

Size	Each	Four
3 in.	35c	\$1.20
4 in.	50c	1.80
5 in.	65c	2.50

BROODER THERMOMETER—No. J-5792S—Temperature Range 70 to 120 degree F. Each, prepaid, 65c; dozen, \$7.20.

AMERICAN BATTERY BROODERS



(Patents Pending)

J-1005 ELECTRIC MODEL

No.	Chick Cap.	Drawers.	Height.	With Elec. Equip.	Weight.	Less Bulbs
J-1006	600	6	82 in.		294 lbs.	\$60.00
J-1005	500	5	68 in.		234 lbs.	52.00
J-1004	400	4	58 in.		201 lbs.	43.00
J-1003	300	3	48 in.		168 lbs.	35.00
J-1002	200	2	38 in.		129 lbs.	27.00

No. V Violet Light Bulbs, each 75c; six \$4.50; dozen \$8.50

OIL AND GAS HEATED BROODERS

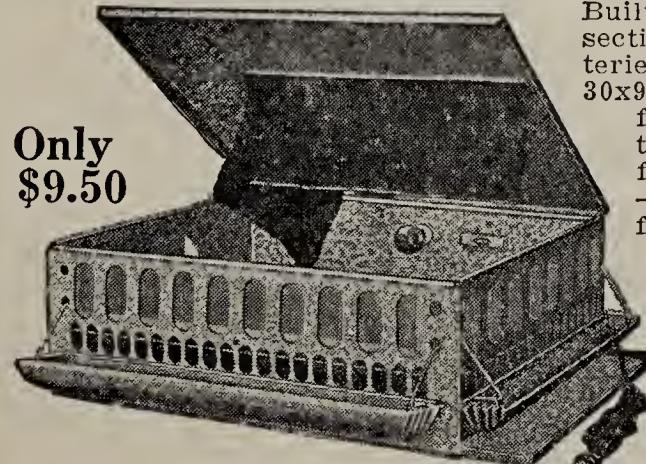
Chick

Oil	Gas	Drawers.	Cap.	Width	Weight	Price
J-2004	J-2G04	4	400	32x40 in.	270 lbs.	\$55.00
J-2006	J-2G06	6	600	32x40 in.	380 lbs.	\$75.00

(Specify kind of gas used)

Perfect Mother Hen Brooder

Only
\$9.50

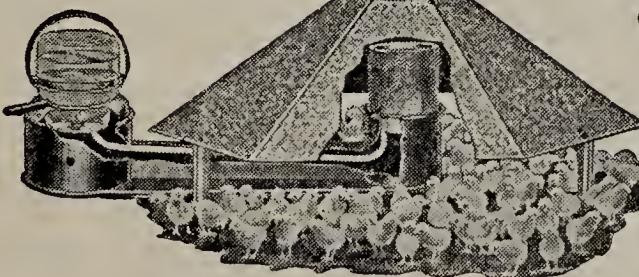


No. J-105—Same as above, less control and bulb \$7.00

No. J-2001—Oil Model. Wt. 30 lbs. \$8.50

Any Bulb can be used for Nos. 105 and 106 Brooders.

\$6.00



Hand Operated Oil Brooder

Dependable, Economical. Easy to operate. Complete as illustrated f. o. b. Quincy.

No.	Canopy	Price
J-32	32 in.	\$6.00
J-42	42 in.	\$7.00
J-52	52 in.	\$8.00

Japanese Water Flower



Superb mystic creations—imported direct from Japan—A real mystery. Fascinating novelty flowers that will mystify your friends. Each stock has a gorgeous flower and several buds of many colors. Beautiful beyond description.

Blooms Instantly

No waiting. No earth required. Just drop marvels in glass with water. The flower and buds unfold instantly—in three seconds. As if by magic you have a water flower. Blooms guaranteed to last for months. Get these brilliant decorative beauties for stand or table. They add distinction to any room.

3 for 10c

Six Water Flowers of different color and three Resurrection plants, all for 25c postpaid.

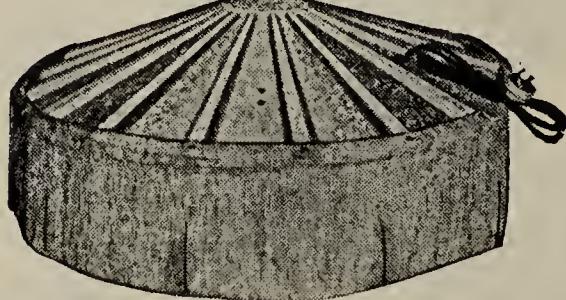
American Baby Grand Incubator \$3.98



Simple and easy to operate. Greatly improved. Equipped with heat and moisture regulator. Glass window in top allows you to see thermometer and moisture cup. All metal construction. Felt insulation. Fine for hatching eggs from pens or small flocks. Used by large and small poultrymen everywhere. Furnished complete with Lamp, Moisture Cup, Heat Regulator, Thermometer, and instructions for operating.

Handy Removable Top for turning and airing eggs. Can be shipped by parcel post, freight or express. Weight 15 pounds. When ordering by parcel post, be sure to send amount of postage extra. Or on receipt of \$3.98 we will ship C. O. D. for postage. 50 egg size, \$3.98.

American Electric Hover \$2.75



Just the right size for those that hatch or buy only a few baby chicks. It will take care of 100 chicks or less, giving the same advantages as the large poultry raiser has with his larger equipment.

It is heated with a light bulb, using very little current, so that if you only brooded 25 chicks, it would be economical to use.

The bulb is surrounded by a heating drum that carries the heated air up to the canopy, where it is deflected down to the chicks, supplying them with fresh warm air. It is safe and economical to operate. In ordering, state voltage you have. Galvanized Canopy 24 in. in diameter, stamped out of one piece, and corrugated to give strength. Furnished complete with bulb and cord. Weight 8 lbs. Postage extra. Price, each, \$2.75.

Plant A Chinese Elm

The Most Rapid Growing of All Fine Shade Trees

As beautiful as the American Elm and has the advantage of being a rapid grower. Grows as rapidly as the Cottonwood and the Poplars, and, being a tree without faults, is rapidly replacing other quick growing trees.

The picture shown on this page is from a photograph taken 6 years after planting, the trunk of the tree measuring 34 inches in circumference 18 inches from the ground. If set at the same time as American Elms, the Chinese Elms will attain a height of 15 feet when the American Elms are growing only 5 feet. In other words, you need not wait 15 to 20 years for shade, as Chinese Elms will give luxurious shade in 5 to 6 years. With no other desirable tree can new homes enjoy the luxury of cool shade in such



a short time. The Chinese Elm is a tree of rare beauty; has dense, dark green foliage; is the first shade tree to put out leaves in the spring and the last to shed them in the fall, adding 3 to 5 weeks to its usefulness. Thrives on either rich or poor soil, resists drought and cold, and makes a fine showing even if neglected. It succeeds in all parts of the United States, including both the cold and semi-arid regions, and thrives everywhere except on low, wet ground. Being resistant to alkali, it will thrive in the western plains where few other trees will survive. It has also proven successful at high altitudes. It is bound to take its place as one of the most popular lawn and street trees in America. Our stock is the Northern China strain. Nice little trees, 2 to 3 feet, at 50c each; 3 for \$1.25, postpaid.

ROSE TREE



**ONE TREE \$1.00
3 for \$2.50
PREPAID**

room can not be found for at least one tree. Many who have seen it declare it to be the most beautiful tree they have ever seen. The rose-like blossoms make fine cut flowers.

Tulip Tree, 50c

A rapid-growing tree of unusual beauty. Flowers appear in June and resemble large tulips. Beautiful, glossy leaves which, in fall, turn to brightest yellow. Makes a wonderful specimen tree for any lawn. Young trees that will grow rapidly, 2 to 3 feet high, at 50c each; 3 for \$1.25, postpaid.

The ROSE TREE OF CHINA (Prunus Triloba) is the most beautiful and showy of all small trees. It begins to bloom before the leaves appear in the spring, being literally covered with very double rose-like pink flowers. As an ornament from early spring until late fall it has few equals. This symmetrically formed, graceful little tree grows usually to a height of but 8 feet, and is attractive as a specimen or when planted in groups of shrub border. It is hardy and easily grown, and no lawn is so small that of these wonderful blossoms make fine

Big Money Maker



Lucretia Dewberry

Lucretia Dewberries are bringing big money. They ripen a week or ten days ahead of common blackberries, the bulk of the crop harvested before other blackberries start to ripen, so sell at very high prices.

The Dewberry belongs to the blackberry family, and the Lucretia is the best of them all. The large berries are incomparably better than any blackberry grown; of unequalled excellence; sweet and luscious throughout, and of bright glossy black color. They are very productive, and the most profitable of all fruit crops to grow. The Lucretia has received the highest endorsement and highest praise from the best horticulturists in the country. Its trailing habit renders it less liable to winter-kill. Propagates from the tips, like black raspberries; does not spread or sucker.

There are two methods of growing the Dewberry. One is to set the plants 4 feet apart in the row, with rows 6 to 7 feet apart. Allow them to grow along the row in their natural way, removing all the new growth until after blooming time, and then allow only enough new vines to grow to provide for the next crop, and at the same time shade the ripening fruit. In this way they will ripen earlier than they would tied up to wires or stakes, the whole crop being grown in Nature's own way, down among the dewy leaves unexposed to strong rays of summer sun. Controlling the new growth each season does away with the necessity of stakes or posts and wire.

The other method of growing is to use short posts and wire. Grown in this way, the fruit is much easier to pick, but is not quite as early. The posts need be only 30 to 36 inches high. Use one wire and in the spring tie all canes onto same, holding them off the ground. Let the new canes lie on the ground throughout the growing season, covering them slightly for winter protection in climates where the winters are severe. Cut away old wood in spring and tie new canes on wire, or old wood can be removed soon after harvesting the crop. About 1,700 plants are required to set an acre.

Prices: 6 for 65c—12 for \$1.00—25 for \$1.75—50 for \$3.00—100 for \$5.00—parcel post, postpaid.

Iceberg, or White Blackberry

It is not merely a curiosity, for in addition to being a real novelty it is a berry of extraordinary quality. These shining creamy-white berries, when mixed with jet-black ones, make a most attractive dish. The bushes are good strong growers and very productive. For best results this variety should be planted near other blackberries. Plants, 20c each—3 for 50c—12 for \$1.50, postpaid.

Latham Raspberry

A Big Money Maker



The Latham is conceded to be the best late red raspberry. It has more points of merit and has come into general planting more rapidly than any other raspberry ever introduced. It is vigorous in growth; withstands the winters in Canada without covering; and exceptionally free from mosaic and other diseases. The large berries, some running over an inch in diameter, and the deep red color make it most attractive, and it is the most productive variety grown. Growers are beginning to realize that no other late red raspberry will make them so much money, so surely and quickly, as the Latham. One nine acre field of Latham in Minnesota produced an average of \$1,000.00 per acre each year for five years, and similar reports are coming from all sections of the country.

Prices: 6 for 65c—12 for \$1.00—25 for \$1.75—50 for \$3.00—100 for \$5.25—delivered prepaid to any part of the U. S.

Golden Queen (Yellow) Raspberry

A beautiful, large, golden yellow raspberry. Many prefer this variety to any of the red or black sorts, owing to its sugary sweetness and unsurpassed flavor. Should be in every garden, its beauty and high quality placing it at the head for table use. The canes are hardy, of strongest growth and very productive. **20c each—3 for 50c—12 for \$1.50—25 for \$2.50—50 for \$4.50—100 for \$8.00—postpaid.**

Chinese Date

The Chinese Date (Jujube or *Zizyphus*) is a fruit from the high interior of China, which, we are sure, will prove to be one of the most valuable of our country. It is adapted to a wide range of territory and all kinds of soil. It is quite hardy, the United States Department of Agriculture bulletins reporting that it has withstood temperatures of 22 degrees below zero without injury. The tree is a heavy and constant bearer and commences to bear at an early age, four-year-old trees having produced 150 pounds of fruit. It blooms very late in the spring, avoiding all danger from spring frosts. The fruit is one to two inches long, and chocolate colored. It is delicious when eaten fresh or cured like dates, and is excellent for preserves and jam. Cooked in a sugar syrup and allowed to dry it becomes a most tasty and palatable confection which, we believe, will eventually rival the date as a commercial product. Because of its productiveness and its highly nutritious and delicious fruit, capable of being used in many ways, it is sure to be a valuable addition to the orchards and gardens. Every home should have one or more trees. It likes a clean back yard where it is not cultivated, but will grow anywhere. We have but a limited supply of these trees and, as long as they last, will deliver them by parcel post, postpaid, at **\$1.50 each.**

5 ROSES FOR 50c

The selection will contain one of each of the following Ever-blooming roses: Pink, scarlet, crimson, white and yellow. These roses delivered to you by parcel post, postpaid, for only **50 cents.**

“American” Highest Quality Garden Seeds

These Varieties are Most Desirable for Market Gardening and for Home Use

KIND	VARIETY	POSTPAID PRICES			
		One Ounce Will Plant	Pkt.	1/4 lb.	Oz.
BEETS	Detroit Dark Red	60 foot Row	\$.05	\$.10	\$.35
CABBAGE	Golden Acre	1500 Plants	.10	.45	1.40
	Copenhagen Market	1500 Plants	.10	.35	1.10
CARROTS	Danvers Half Long	100 foot Row	.05	.15	.35
CUCUMBERS	White Spine	60 Hills	.10	.20	.50
HEAD LETTUCE	Chicago Pickling	60 Hills	.05	.15	.40
LEAF LETTUCE	New York Wonderfull	120 foot Row	.10	.20	.60
ONIONS	Black Seeded Simpson	120 foot Row	.05	.15	.40
PARSNIPS	Grand Rapid	120 foot Row	.05	.15	.40
PUMPKINS	Yellow Globe	100 foot Row	.10	.20	.60
	Red Globe	100 foot Row	.10	.20	.60
	Prizetaker	100 foot Row	.10	.25	.75
RADISHES	Hollow Crown	150 foot Row	.05	.10	.30
SQUASH	Sugar Pie	25 Hills	.05	.15	.35
	Kentucky Field	25 Hills	.05	.10	.25
	Scarlet Globe	100 foot Row	.05	.10	.25
	Strasburg.	100 foot Row	.05	.10	.25
TOMATOES	Hubbard	30 Hills	.10	.15	.45
TURNIPS	Bonney Best	1500 Plants	.10	.30	.90
	Marglobe	1500 Plants	.10	.40	1.35
	Earliana	1500 Plants	.10	.30	.90
WATERMELONS	Purple Top Globe	150 foot Row	.05	.10	.25
MUSKMELONS	Stone Mountain	30 Hills	.10	.15	.45
	Monte Cristo	30 Hills	.05	.10	.30
	Tom Watson	30 Hills	.05	.10	.30
	Hales Best	50 Hills	.10	.15	.45
	Tip Top	50 Hills	.10	.15	.45
	Hearts of Gold	50 Hills	.10	.15	.45

The Chestnut Bean



This wonderful Bean looks like a gigantic pea. When boiled, it has a flavor like boiled chestnuts; one of the most delicious beans grown. Grows in the form of a tall bush and is completely covered with pods. For soup and turkey stuffing it cannot be surpassed. It is a Spanish Bean, and is known as the "Garbanzo." We have but a limited amount of seed to offer, so can supply same in packets only. Pkt., 10c; 3 for 25c.

Ornamental Gourds

Calabash Pipe,
Dipper,
Dish Cloth,
Nest Egg,
Pear-Shaped,
Powderhorn,
Sugar Trough

A fine mixture of rare, useful, and ornamental varieties. Pkt., 10c; 3 pkts., 25c.



Banana Muskmelon



Surpasses all other melons in its delicious fragrance. The flesh (the melon being nearly solid), is of rich salmon, of the best quality, and very sweet and melting. It is very prolific. Grows from 18 to 36 inches in length, and looks almost like an overgrown banana. Pkt., 10c; 3 for 25c.

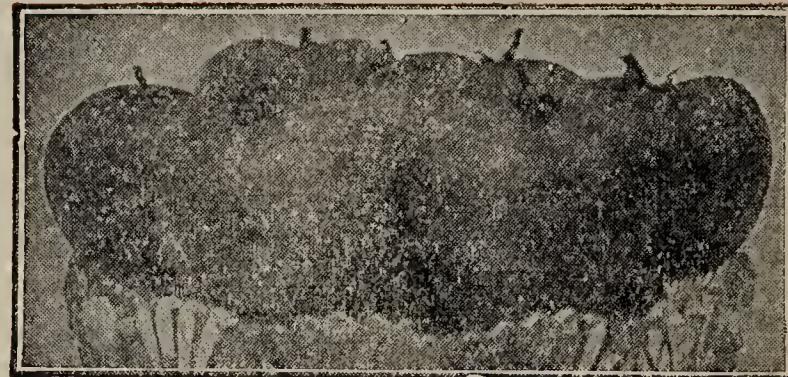
Gigantic Tasmania Bean

The Gigantic Tasmania Bean will astonish you with its size, and win you with its genuine goodness. The flesh is very tender and of delightful piquant flavor. This bean grows to an enormous size, single fruits weighing as much as 18 pounds. It should be eaten when about 6 pounds in weight if you want it at its best. It is easy to grow and is almost entirely free from disease and insects. Wonderfully prolific, much easier to grow than a squash, and is very productive. It may be grown on a trellis similar to pole beans. It can be prepared for the table in many ways, and when either fried, baked or boiled it is most delicious in flavor.

Pkt., 10c; 3 for 25c.



Hybridized Potato Seed



Seed from the Seed Balls—Headquarters Stock

Your fortune may be in one of them. They are as easy to grow as tomatoes. Millions never saw a Potato Seed Ball. Thousands have tried in vain to get the seed. Now is your opportunity. This unrivaled seed will produce an endless variety of new kinds. It is from these that all valuable new varieties of potatoes are produced. Growing new and distinct Seeding Potatoes from the Seed-Ball Seed is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Every farmer, gardener and bright boy should plant a few packets. You may be one of the lucky ones. Full directions on every packet. Pkt., 15c; 2 pkts., 25c, postpaid.

Garden Huckleberry



The Garden Huckleberry grows from seed the first year. A new fruit that cannot be excelled for pies and preserves. Very prolific, yielding an immense crop of fruit. It is an annual and must be planted each year from seed. Grows and thrives in all climates and on all kinds of soil. The fruits grow larger than the common Huckleberry or Blueberry. If cooked with apples, lemon, or anything sour, they make the finest jelly. You will be delighted and astonished with this easily grown, wonderful novelty. Pkt., 10c; 3 for 25c.

Climbing Cucumber

A wonderful Cucumber from Japan. Vines extra strong, vigorous and great climbers, producing surprising amount of superior fruit on poles, fences, side of house, etc. Three times the usual crop from the given area can be grown with this variety. A good sort of plant to save garden space. Fruits of large size, nice green color, and fine for slicing and pickling. Sets fruit constantly throughout the season. Pkt., 10c; 3 for 25c.



American Seed & Plant Co.

QUINCY, ILLINOIS

ORDER BLANK

Please Write Your Name and Address Plainly

Name _____

Postoffice _____ Box No. _____

Street _____

State _____ R.F.D. _____

Be sure to order some Tree Strawberries, Mammoth Wonderberries, and some of our rare and curious Seed Novelties for your garden.

Have You Written Your Name and Address Plainly?

OUR TERMS ARE—CASH WITH ORDER

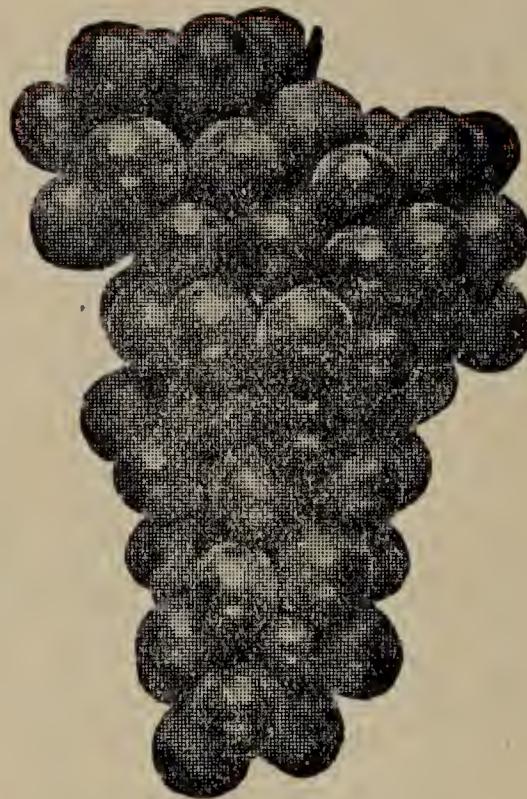
Free with \$1.00 order One package of Giant Fan-Leaved Palm, value 25c.

Free with \$2.50 order One package each of Giant Fan-leaved Palm, Everlasting Straw Flowers, Chinese Money Plant, Bird of Paradise, value 70c.

Total of Order.....

We guarantee all plants and seeds to arrive in first-class condition and true to name. We will replace, free of charges, any stock not true to name, or damaged in transit.

Grapes



Our nursery is located in the heart of the Michigan grape belt—where the finest grapes and grape roots are grown. Grapes are very easy fruit to grow and will grow almost anywhere. They come into bearing real early. We have exceptionally fine vines this year and are making a special price on the following varieties, which are all strong, one-year stock.

Concord — The main crop variety and the most popular of the thin skinned grapes. Bunches are large and compact; the skin is firm, which makes it ideal for shipping. The most popular and heavy yielding blue grape known. It is ideal for grape juice, jam, jelly and ketchup. Each 20c; 10 for \$1.50.

DELAWARE—A favorite red grape shading to golden orange. The flavor is deliciously sweet and spicy. It makes excellent grape juice of clear red color and is rich in sugar. Fine for eating fresh. Each, 25c; 10 for \$1.75.

NIAGARA—The most popular white grape grown. Fruit large and very productive. Bunches compact, flavor excellent. Each, 25c; 10 for \$1.75.

WORDEN—A fine grape for home use. Ripens about two weeks before the Concord. Berries are large and very sweet. Each, 25c; 10 for \$1.75.

MOORE'S EARLY—A black grape of fine quality. Very hardy and a good shipper. Always brings a good price, as it is one of the first grapes on the market. Each 25c; 10 for \$1.75.

China Long Cucumber



This is a remarkable new long green cucumber from China, with fruits from 20 inches to 2 feet in length, and only 2 to 3 inches in diameter. The skin is deep green and nearly smooth, the spines being few and small. There is nothing equal to China Long for crispness except possibly some of the hothouse varieties; flesh solid and of the very best quality for slicing. The nearest seedless of any variety we have ever tried. Nearly as early as the shorter varieties; vines strong, vigorous, healthy and productive. A most desirable variety for the home garden, and is sure to be a popular market sort as soon as it becomes better known. Pkt., 10c; 3 pkts., 25c.

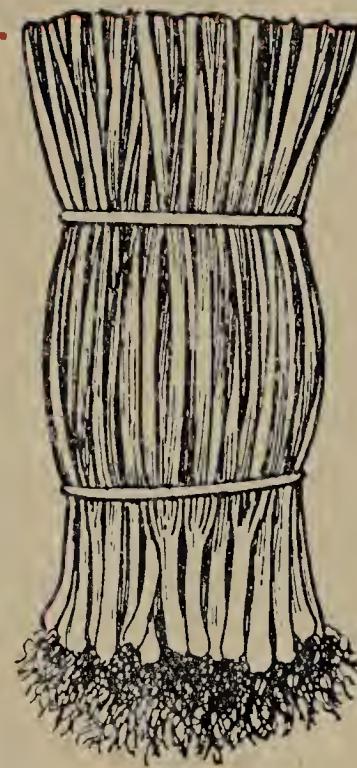
Drought Proof Peas

Drought-Proof Peas will grow a crop during the hot, dry summer months when most any other variety would be a failure. In the hot, dry localities of the West, this variety will grow a crop without irrigation and without a single drop of rain falling upon it from seed time to harvest. This will do well in any part of the United States.

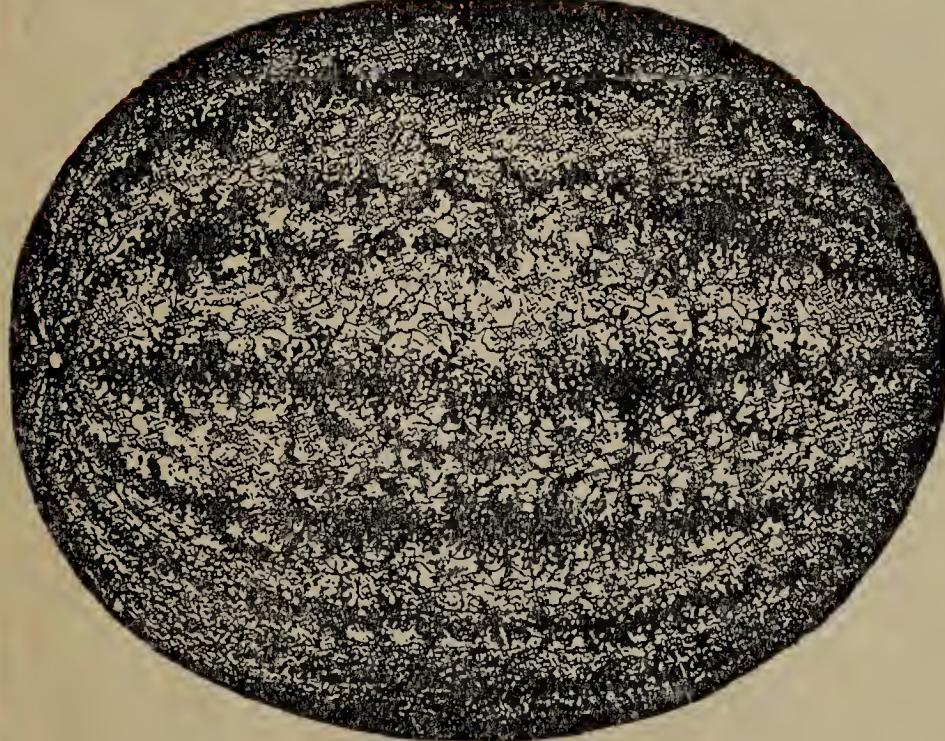
Pkt., 10c; 3 pkts., 25c.

Japanese Long Bunching Onion

A valuable introduction from Japan which, on account of its merit, is sure to meet with popular favor for young green onions. It forms no bulb, but produces a long white tender root as shown in the illustration. Superior to any other hardy bunching onion in that it remains always tender and mild, and owing to quality and fine appearance, it makes an attractive bunch that sells at an advanced price over other varieties. Our Japanese grower informs us that in Japan this Onion is often blanched 24 inches. With this variety you can have bunching onions of the very best quality all through the summer. No garden is complete without a row of these onions. A money maker for market gardeners. Pkt., 15c; 2 pkts., 25c.

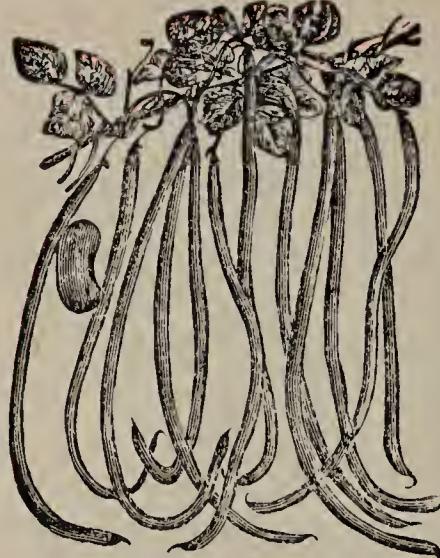


Mammoth Prize Watermelon



Mammoth Prize or Improved Triumph is the largest Watermelon grown. Many grow to from 100 to 150 lbs. On one vine, five melons were grown that weighed 152, 151, 148 $\frac{3}{4}$, 149 $\frac{1}{4}$ and 147 lbs., the five weighing a total of 748 lbs. The seed we offer is extra select, and should produce fine, sweet, juicy melons of excellent quality and enormous size. Pkt., 10c; 3 for 25c.

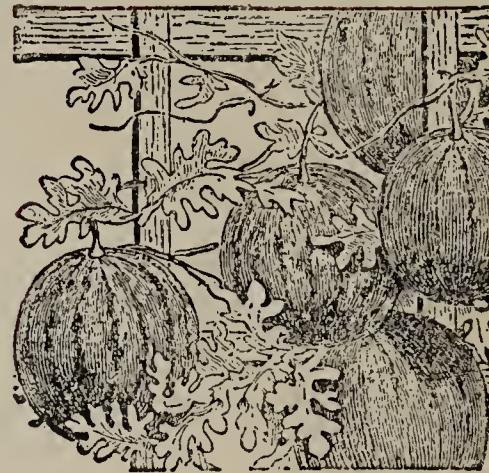
Yard Long Bean



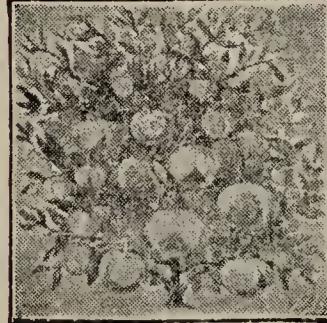
This is an excellent variety, as well as being an interesting curiosity. The vines are rampant growers and produce an enormous crop of long, slender round pods which are of excellent quality for snap beans. The round pods grow from 2 to 4 feet in length, having the thickness of a lead pencil. Tender and of fine flavor. Pkt., 10c; 3 for 25c.

New Climbing Watermelon

A superb variety that may be trained and tied to trellis, etc. Melons about size of large cocoanuts; crimson flesh of the highest quality; rich and sweet. Fruit ripens for a long period, unlike other sorts which ripen their fruit mostly at one time. An ideal melon for the small garden. Pkt., 10c; 3 for 25c.

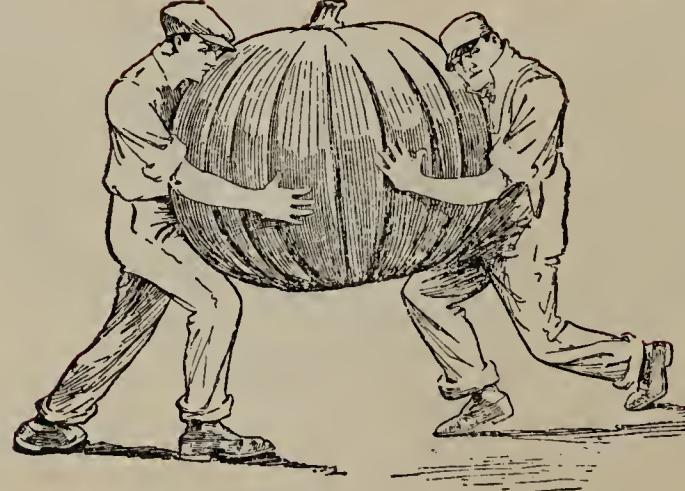


Wonder Bush Cherry



These bushes grow about 18 inches high—and bear heavy crops of the best flavored fruit you ever tasted. Although many use the fruit raw, all claim it makes better pie than tree cherries. The Wonder Cherry, sometimes called Ground Cherry, will bear eight weeks after planting the seed. Pkt., 10c; 3 for 25c.

Jumbo Pumpkin



Often weigh 100 to 300 lbs. Always a prize winner at exhibitions. A good pie Pumpkin, splendid keeper, and valuable for feeding purposes. Pkt., 10c; 3 for 25c.

Seeds for Poultrymen

CUT YOUR FEED BILL $\frac{1}{2}$

INCREASE EGG PRODUCTCTION



POULTRY CABBAGE—Is a wonderful green feed for poultry and has been known to yield 3 tons in a space 40 by 60 feet. You can't beat this for low priced feed. One-half pound of seed will grow enough greens to feed about 1,000 hens for four months; 3 pounds to an acre for 6,000 hens for four months. Poultry Cabbage is a rapid grower. In the Northern States the seed can be sown any time from early spring until the middle of July. In the South seed may be sown throughout the entire year. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

CHISHA, OR CHICKEN LETTUCE—You have doubtless read in the poultry journals that lettuce is an excellent feed for chickens. In this Chisha Lettuce you will find a feed that yields as much or more than other green feeds. It is economical to grow this strain, for when cut it resumes its growth rapidly and can be cut again and again; or the leaves can be pulled off each stem like the Jersey Kale. The yield is extremely heavy. Chisha, or Chicken Lettuce, does not make a head, but sends up a stout stalk, 3 to 4 feet high, and just loaded with leaves. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00. Postpaid.

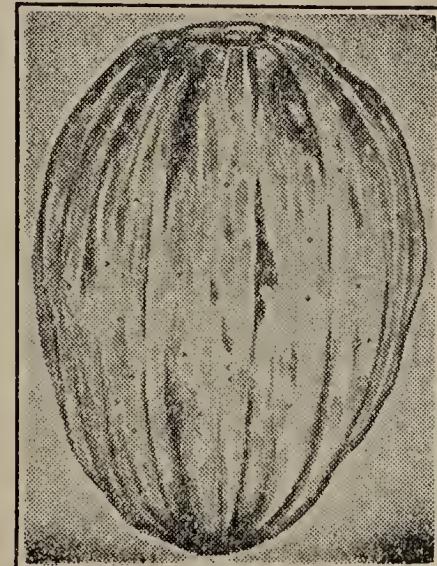
POULTRY BEET—MANGEL WURZEL—Furnishes a tremendous yield per acre and makes an excellent green feed for poultry during the winter months and always increases egg production. Mangel Wurzels are excellent food for cattle and keep them in perfect physical condition and increase the flow of milk. Only a little garden space will be required for growing enough to last all winter and they are very productive. Stored in a cellar or any cool place they will keep until spring. Pkt., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00. Postpaid.

MAMMOTH RUSSIAN SUNFLOWER—Sunflower Seed is an excellent poultry feed at all times and especially during the molting season. Single heads often measure 12 to 22 inches in diameter and contain an immense quantity of seed. Pkt., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 60c, postpaid.

A few of these novelties in your garden will be the talk of the community.

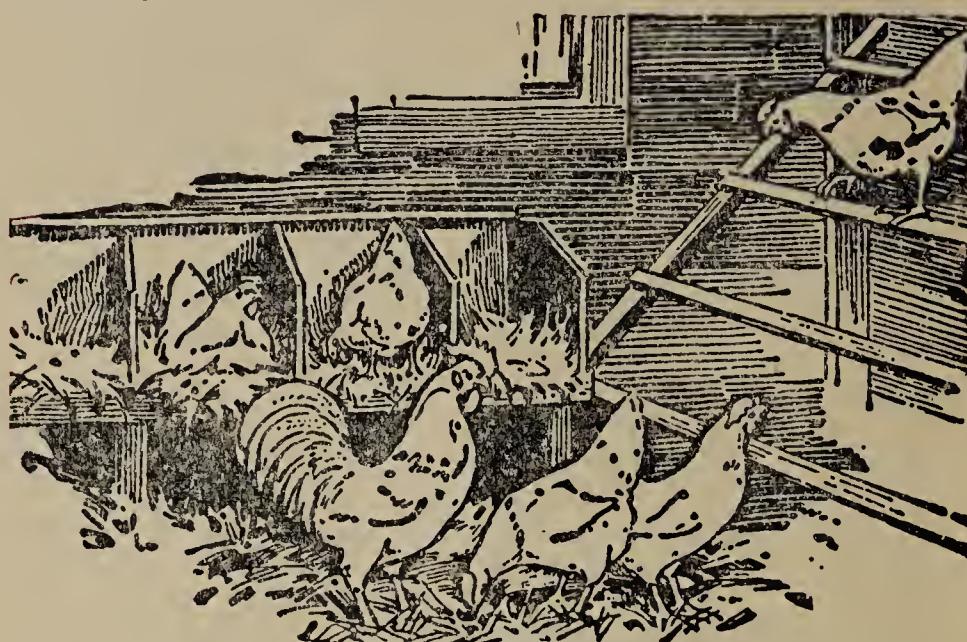
Lemon Cucumber

A real Cucumber, similar in size, shape and color to a lemon. It has a flavor that is sweeter and somewhat different than other Cucumbers. They are highly esteemed for pickling, either green or ripe, and for slicing just as the fruits are turning yellow. Will yield four times as many Cucumbers as any other variety. Pkt., 10c; 3 for 25c.



MITEMIST FOR RED MITES

Hens can't lay if they are infested with mites. Give them a chance. Do not allow them to be brutally assaulted every night by a host of insidious assassins. Just think of it . . . millions of vicious mites . . . crawling over their bodies . . . sucking their very life blood.



You can't expect a hen to produce eggs under such conditions. It is all they can do to store up enough energy during the day to feed the parasites that swarm over them at night. You might as well "throw money to the birds" as to put it into feed for mite-infested chickens.

Rid your premises of mites with MITEMIST. Easy to use. No dusting . . . no dipping . . . no painting. Simply spray the nests, walls, roosts and ceiling just before roosting time. Fumes from Mitemist penetrate feathers, cracks, crevices . . . everywhere. Mitemist is not injurious to animals or poultry, but red mites, bed bugs, ants, roaches, etc., have no lungs. They have to breathe through the pores of the body.

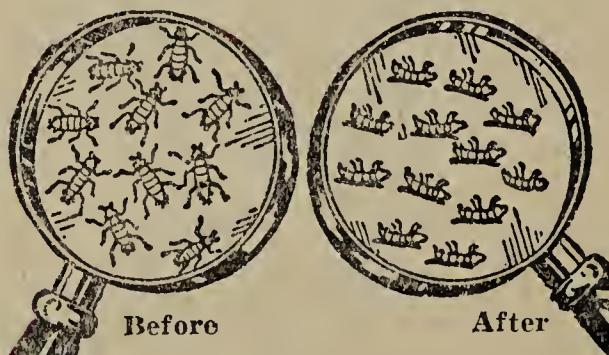
NO MORE MITES. "Since using Mitemist I haven't seen either a mite or a louse in my chicken house or on any of my birds." —F. A. M., New York.

WORKS LIKE MAGIC. "Send another bottle of Mitemist. I used the first with wonderful results. It works like magic on mites." —C. L. W., Missouri.

JUST TWO APPLICATIONS. "We have 300 chickens. They were badly infested with lice and mites. After two applications of Mitemist no sign of these pests could be seen." —B. J., New Jersey.

MONEY BACK GUARANTEE

Use Mitemist as directed. If not absolutely satisfied after a thorough trial we will promptly return your money. This guarantee effective 30 days after purchase date.



LOW
POST
PAID
PRICES

Catalogue No. G-892

One Bottle
Three Bottles
One Gallon

	U.S.A.
One Bottle	\$1.00
Three Bottles	2.50
One Gallon	5.00

BABY CHICKS

At Rock Bottom Prices



"Our Chicks Prove the Quality"

Last year, we were wonderfully surprised at the large volume of orders that were sent us, and still more pleased at the excellent results our customers had with our chicks. We are connected with one of the leading hatcheries of the country, where the strictest of regulations are applied to their laying flocks in regard to health and egg-laying ability of same. This year all of these flocks have been blood-tested, therefore we are in position to offer blood-tested chicks at extremely low prices. We could supply you with testimonials from all over the country from customers who bought from us. Every bird in the flocks from which our eggs are produced has been thoroughly culled. Each and every bird has been handled by experts and is absolutely true to type and form. The chicks we have for sale of the following breeds are large and fluffy. We guarantee them to be strong and healthy, and safe arrival at your door.

ORDER AT THESE LOW PRICES

DELIVERED ANY TIME DESIRED

	100	500
S. C. White Leghorns	\$6.00	\$29.00
Buff and Brown Leghorns	6.00	29.00
Barred and White Rocks	7.50	35.00
S. C. R. I. Reds	7.50	35.00
White Wyandottes	7.50	35.00
Buff Orpingtons	7.50	35.00
Buff Rocks	7.50	35.00
Light Brahmans	10.00	
White Minorcas	10.00	

Terms: One cent per chick cash with order, balance C.O.D.

Lake Toxaway, N. C.

AMERICAN SEED CO., Quincy, Illinois.

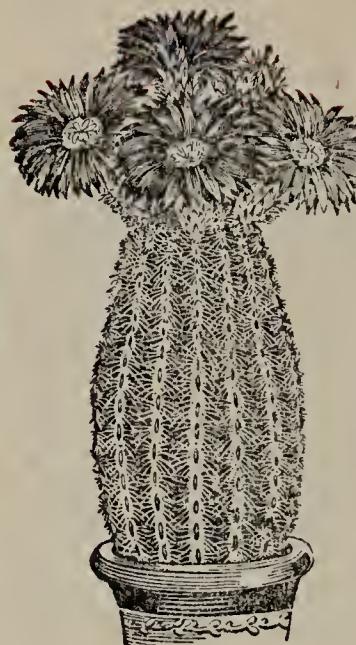
Gentlemen: Chicks arrived yesterday in A-1 condition and are doing fine. Certainly are fine birds. Just two dead out of the hundred. Please keep me posted on prices, as I hope to use more later.

H. G. ROGERS.

ORDER EARLY!

It will help us get your chicks to you just when you want them if you will place your order right away. We have a great demand for chicks from all over the country, and in all fairness we have to fill orders in the rotation in which they are received. Please do not wait until the last minute to place your order. We want to please everyone, and those who give us a reasonable amount of time are sure to get their chicks just when the chicks are desired. If you show us the kindness of co-operating with us, we will certainly do the best to make you glad you ordered early.

Cactus Seeds



CACTUS SEED—30 Varieties.

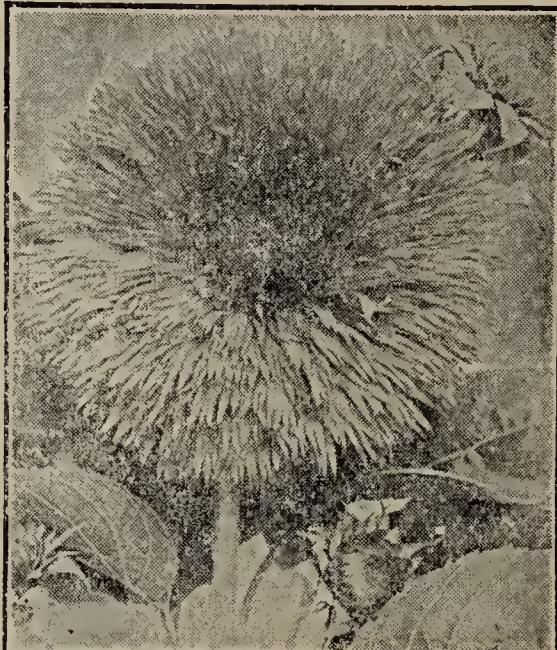
Cactus make most interesting house plants, extremely odd and curious, and many have gorgeous and beautiful blossoms sweet scented, and bloom profusely. These oddest of all plants grow in many shapes and sizes, are easily grown, thrive and bloom with very little care, and endure the heat and dryness of the ordinary living room. Much pleasure may be derived in growing them from seed. Everyone is delighted and surprised at the odd appearance of a Cactus just sprouting. If you desire a fine collection of rare varieties, sow the seed in pots or boxes in a warm room in moist sand, and the seed will grow quickly. We have fresh seed of a mixture of 30 choice varieties. Pkt., 10c; 3 pkts., 25c.

Fish Hook or Candy Cactus

One of the strangest plant curiosities we have ever offered. Covered with hook-like spikes which are exactly the shape of fish hooks and from $2\frac{1}{2}$ to 3 inches in length. The hooks are very hard, almost as strong as steel, and as sharp as the finest manufactured fish hook. It is claimed that they have been used by Indians of the Southwest for fish hooks for many centuries. The famous Cactus Candy is also made from this plant. The Fish Hook Cactus is easily grown from seed. With each packet of seed we will send complete cultural directions, recipe for making the candy, and one full-grown Indian Fish Hook. Pkt. 15c; 2 pkts., 25c.

Sunflower

Double Chrysanthemum Flowered. This is a rich golden-yellow sunflower that will add beauty to any garden. Grows about seven feet tall and has flowers double as a chrysanthemum and as large as a man's hat. You should have a few of these to show your neighbors. They will be the talk of the community. Pkt. 10c; 3 pkts., 25c.



Chinese Celery Cabbage

A most delicious vegetable which combines the rich celery flavor with that of the cabbage. Can be cooked or eaten like celery. Makes as good salad as the finest head lettuce. The mid-ribs can be cooked like asparagus, and for cold slaw no cabbage compares with it. One of the most delicious vegetables yet introduced, and bound to become one of the most popular. Pkt., 10c; 3 for 25 cents.

BALSAM PEAR

Ornamental Vine with Edible Fruits

A very ornamental and curious climbing vine, with glossy green foliage. Pear-shaped ornamental fruits, known to Chinese as La-Kwa, and used extensively in China as a food for human consumption. Usually prepared for the table by boiling the fruits before they are ripe. Give it a trial, both as an ornamental and as an addition to your list of edible fruits.

Pkt., 10c—3 for 25c.



Feather Fern

The Feather or Sprenger's Fern is a variety of Asparagus Fern with long, drooping branches—Fine for suspended baskets, window boxes, etc.

Pkt., 10c—3 for 25c

Chinese Fragrant Fern



A beautiful tropical-looking, ornamental foliage plant. Very delicate and lace-like. Blooms profusely, and both flower and foliage are deliciously fragrant. Sprays of the foliage kept in a room or trunk will impart the most wonderful sweet perfume for a year or more. No bouquet or vase is complete without this fragrant flowering fern. Every packet of seed should produce 20 or more lovely ferns. Don't miss these perfumed beauties.

Pkt., 10c—3 for 25c.

Decoration Day Daisy

Or Spring Flowering Shasta Daisy

Very similar to the popular Shasta Daisy except that, instead of blooming in late summer and fall, it is in full bloom by Decoration Day. A valuable cut flower variety. A hardy perennial which will not winter-kill, and will continue blooming year after year.

Pkt., 10c—3 for 25c.



Tree Strawberry

The Tree Strawberry, or Strawberry-Raspberry, as it is sometimes called, is one of the largest and most beautiful of all berries.

A new plant in habit and growth and form of fruit. It puts up numerous strong, branching shoots about two feet high, wonderfully beautiful, both foliage and blossom.

Bears beautiful large ruby red fruit, the bright red berries showing a striking contrast to the large white blossoms. This bush, with its glossy green leaves, makes a very ornamental plant. The canes shoot up in the spring, blossoming and bearing in early summer. They endure cold climate, getting larger and better every year, giving many extra plants. Order now, as the stock is limited.

Prices—3 for 60c; 8 for \$1.25.

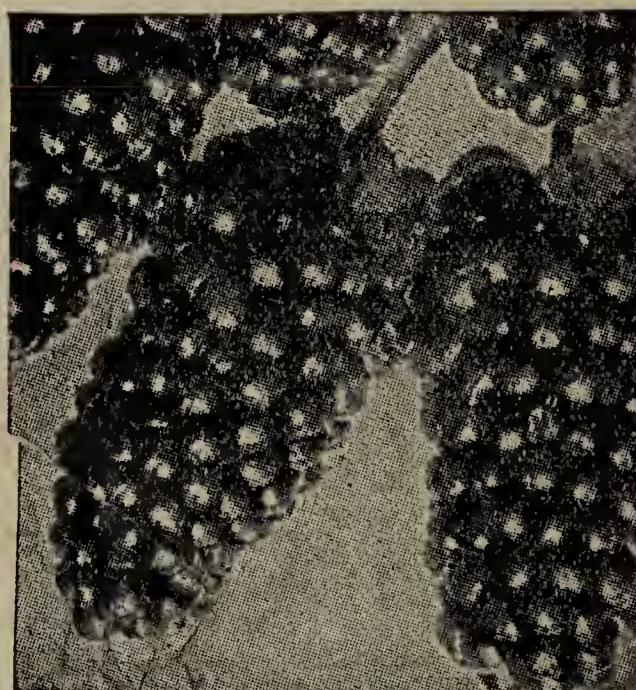


The Mammoth Wonderberry

A large Dewberry that produces unusually large fruit. The plants we send are extra large with strong canes and heavy roots. We know of no other berry fruit that attains the size of this berry, which often is $1\frac{1}{2}$ inches in length and sometimes 2 inches in circumference. Excellent for eating fresh and has no equal for canning or pies. Very hardy and of rapid growth. The vines will grow from 5 to 8 feet in a season. It can be left to run on the ground, but for better fruit and ease of picking should be trellised. It grows larger and stronger each year and will show remarkable results if fertilized. In the spring the vines are loaded

with large white blossoms that show beautifully against the dark green foliage.

The fruit ripens in July, and any surplus you wish to sell will bring a big price on the market. We will send you strong, well rooted plants and we guarantee them to reach you in good condition.



Prices, 10 for 65c,
25 for \$1.25.